The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

October, 1981

A0400-1 1/15/82

Domestic Shipments Up 2.6 Per Cent

Net shipments of aluminum ingot and mill products through August, 1981, at an estimated 9,355 million pounds were 1.7% less than shipments of 9,517 million pounds for 8 months of 1980.

Domestic shipments totalled 8,336 million pounds for 8 months of 1981, representing an increase of 2.6% over the 8,127 million pounds shipped in 8 months of 1980.

Exports of 1,019 million pounds were down 26.7% vs. 1,390 million pounds for 8 months of 1980.

Thru August, 1981

	8 Mos. 1981	8 Mos. 1980	% Change
Mill Products	7,392	7,150	+ 3.4
Ingot	1,963	2,367	−17.1
Total	9,355	9,517	− 1.7
Less Exports	−1,019	−1,390	−26.7
Domestic Total	8,336	8,127	+ 2.6

Millions of Pounds
Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census.

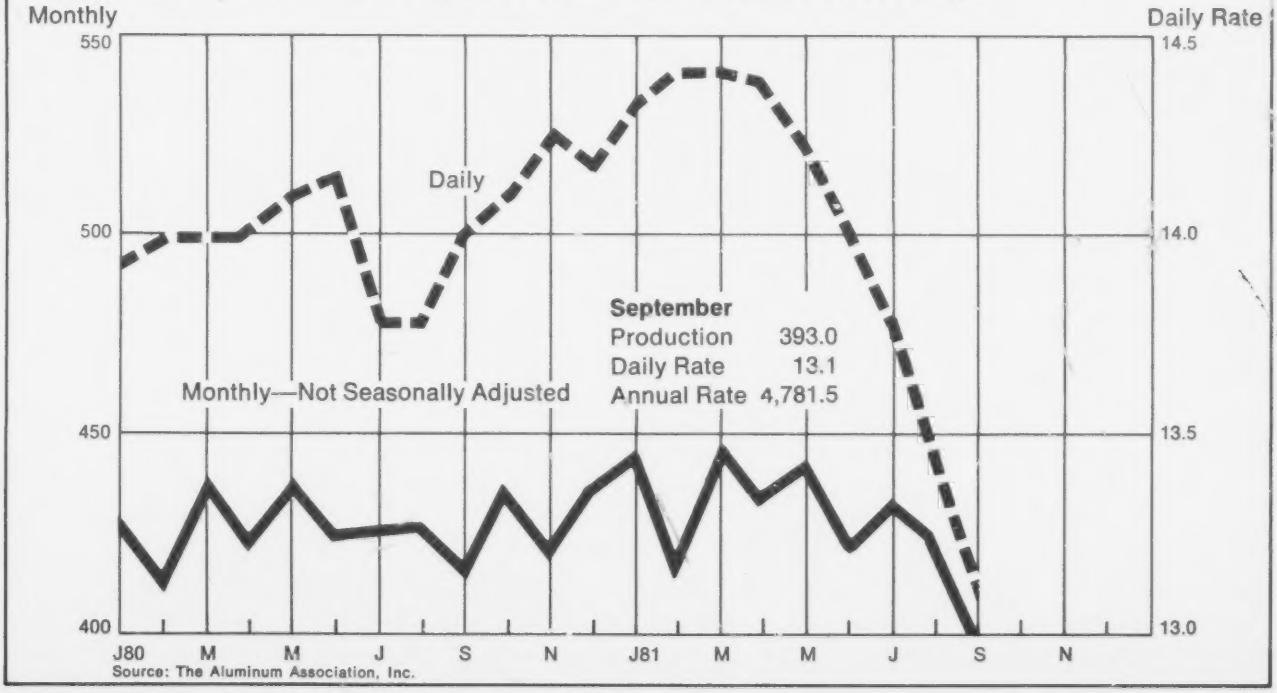
Primary Production Rate Down 6.2 Per Cent

U.S. primary aluminum production averaged 13,100 short tons daily during September, 1981, compared with an average 13,965 tons a day in September, 1980.

The annual rate of production in September, 1981 was 4,781,457 tons, compared to 5,111,129 tons in September, 1980. The August, 1981 revised production rate was 4,899,707 tons.

Actual production in September, 1981 was 392,997 tons. This compared with 418,945 tons in September, 1980 and a revised 416,140 tons in August, 1981.

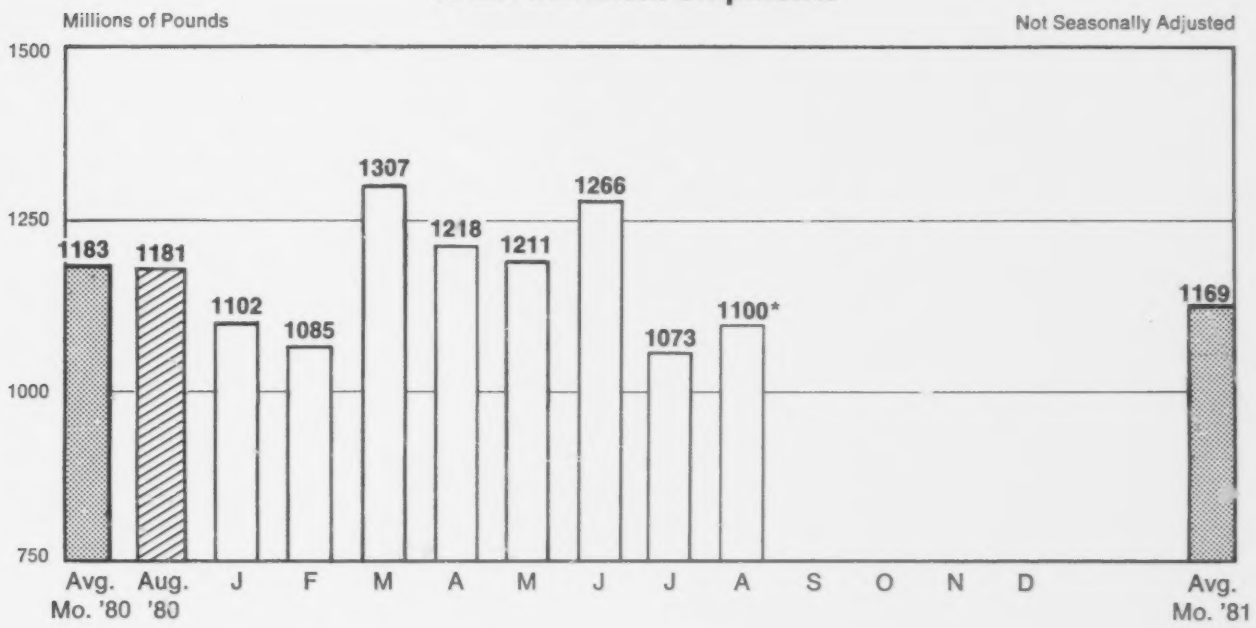
U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association, Inc.

Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

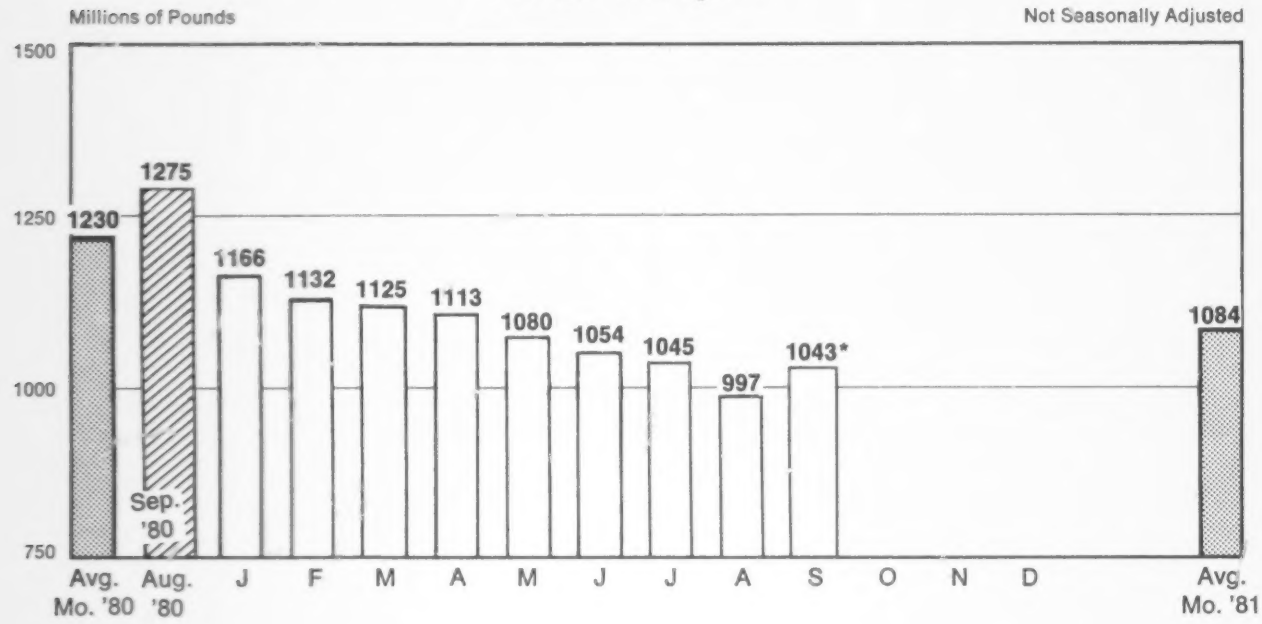
	1981 August*	1981 July	1980 August	% Change Latest Month 1981 v. 1980
Sheet & Plate	508.0	492.7	464.2	+ 9.4
Foil	69.0	70.7	61.4	+ 12.4
Rod, Bar & Wire	25.0	22.1	45.0	− 44.4
Electrical Conductor	55.0	56.0	56.4	− 2.5
Extruded Products	169.0	179.5	168.2	+ 0.5
Welded Tube	13.0	13.5	7.8	+ 66.7
Powder & Pigments	10.0	9.7	7.4	+ 35.1
Forgings & Impacts	11.0	11.3	7.2	+ 52.8
Net Imports of Mill Products (Total) (a)	20.0	23.2	9.7	+106.2
Total Mill Products	880.0	878.7	827.3	+ 6.4
Ingot	220.0(b)	193.8	353.0	− 37.7
TOTAL INDUSTRY SHIPMENTS	1,100.0	1,072.5	1,180.3	− 6.8
Exports	(69.5)	(97.4)	(288.3)	− 75.9
TOTAL DOMESTIC SHIPMENTS	1,030.5	975.1	892.0	+ 15.5

* Latest month estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

August Shipments Down 6.9 Per Cent vs. August, 1980

Total August, 1981 net shipments of 1,100 million pounds were down an estimated 6.8% vs. August, 1980. Mill products were 6.4% ahead of last year, but ingot was down 37.7%. Since exports continue to show a decline vs. last year, domestic shipments in August, 1981 were 15.5% above August, 1980.

Order Receipts



Order Receipts
(Millions of Pounds)

	1981 September	1981 August	1980 September	% Change Latest Month 1981 vs. 1980
Can Stock	236.6	242.5	218.0	+ 8.5
Sheet & Plate, Other	178.8	184.1	296.6	−39.7
Foil	66.2	62.1	76.9	−13.9
Rod, Bar & Wire	17.8	14.5	19.3	− 7.8
Electrical Conductor	43.5	50.1	36.7	+18.5
Extruded Products	140.3	144.2	138.8	+ 1.1
Primary Ingot	21.2	21.0	77.9	−72.8
Other (Including Secondary Ingot)	227.0	212.8	183.8	+23.5
TOTAL DOMESTIC	931.4	931.3	1,048.0	−11.1
Exports	111.8	65.4	226.5	−50.6
TOTAL ALL PRODUCTS	1,043.2	996.7	1,274.5	−18.1

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

September Orders Down 18.1 Per Cent vs. September, 1980

Although a reversal of this year's trend so far, September, 1981 order receipts at 1,043 million pounds were 18.1% less than September, 1980 orders of 1,275 million pounds.

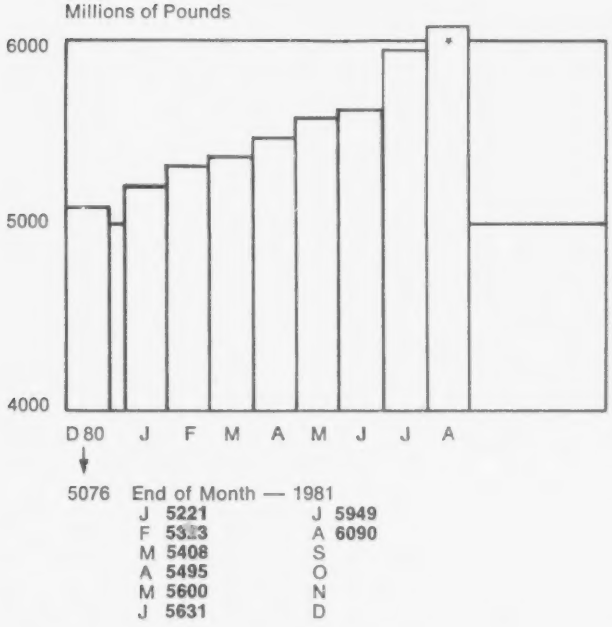
Producers Stocks Increase 141 Million Pounds

Producer inventories increased an estimated 141 million pounds in August, 1981 from an estimated 5,949 million pounds in July, 1981 to an estimated 6,090 million pounds.

Integrated producers accounted for all of the estimated increase. Secondary smelters' and nonintegrateds' stocks together showed no change.

Through August, 1981, producers inventories have increased 1,014 million pounds vs. year-end 1980.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Aug. '81*	July '81	Aug. '81 vs. Year End '80
Integrateds	5,009	4,868	+ 991
Smelters	259	259	− 2
Nonintegrated	822	822	+ 25
TOTAL	6,090	5,949	+1,014

* Latest month estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1981 August	1981 July	1980 August	% Change Latest Month 1981 v. 1980
Imports	Mill Products	23.7	26.7	11.2	+111.6
	Ingot	133.9	127.7r	81.3	+ 64.7
	TOTAL	157.6	154.4r	92.5	+ 70.4
	Scrap (+ dross)	13.0	10.1	8.3	+ 56.6
Exports	Mill Products	33.7	38.8	93.1	− 63.8
	Ingot	35.8	58.6	195.2	− 81.7
	TOTAL	69.5	97.4	288.3	− 75.9
	Scrap	29.3	32.4	83.7	− 65.0
Net Imports		+71.8	+34.7r	(271.2)	+126.5

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

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Economic Affairs Department 202-862-5100

November, 1981

A0400-1

Domestic Shipments Up 3.3 Per Cent

Net shipments of aluminum ingot and mill products in 9 months of 1981, at an estimated 10,449 million pounds were 2.4% less than shipments of 10,709 million pounds for 9 months of 1980.

Domestic shipments totalled 9,365 million pounds for 9 months of 1981, representing an increase of 3.3% from the 9,063 million pounds shipped in 9 months of 1980.

Exports of 1,084 million pounds were 34.1% lower than 1,646 million pounds for 9 months of 1980.

Thru September, 1981

	9 Mos. 1981	9 Mos. 1980	% Change
Mill Products	8,297	8,016	+ 3.5
Ingot	2,152	2,693	−20.1
Total	10,449	10,709	− 2.4
Less Exports	−1,084	−1,646	−34.1
Domestic Total	9,365	9,063	+ 3.3

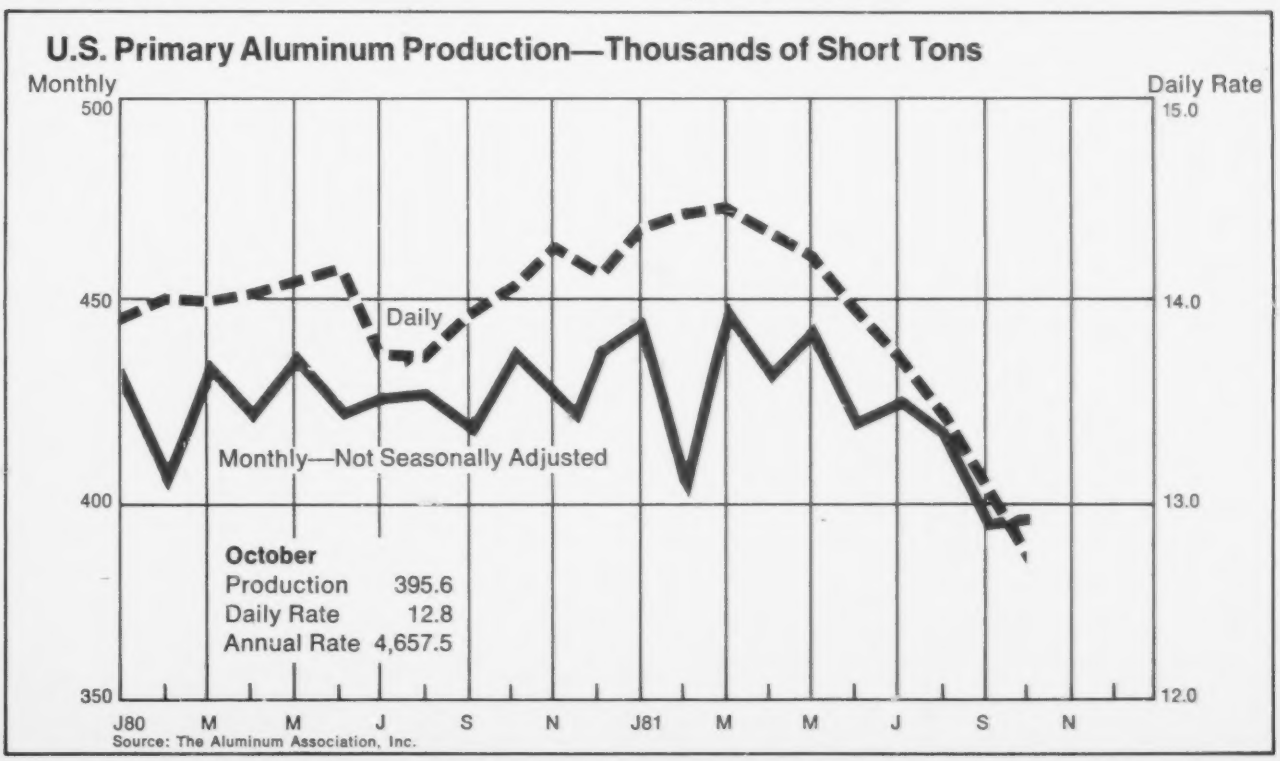
Millions of Pounds
Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census.

Primary Production Rate Down 9.4 Per Cent

U.S. primary aluminum production averaged 12,760 short tons daily during October, 1981, compared with an average 14,086 tons a day in October, 1980.

The annual rate of production in October, 1981 was 4,657,453 tons, compared to 5,155,588 tons in October, 1980. The September, 1981 revised production rate was 4,781,640 tons.

Actual production in October, 1981 was 395,565 tons. This compared with 436,676 tons in October, 1980 and a revised 393,002 tons in September, 1981.



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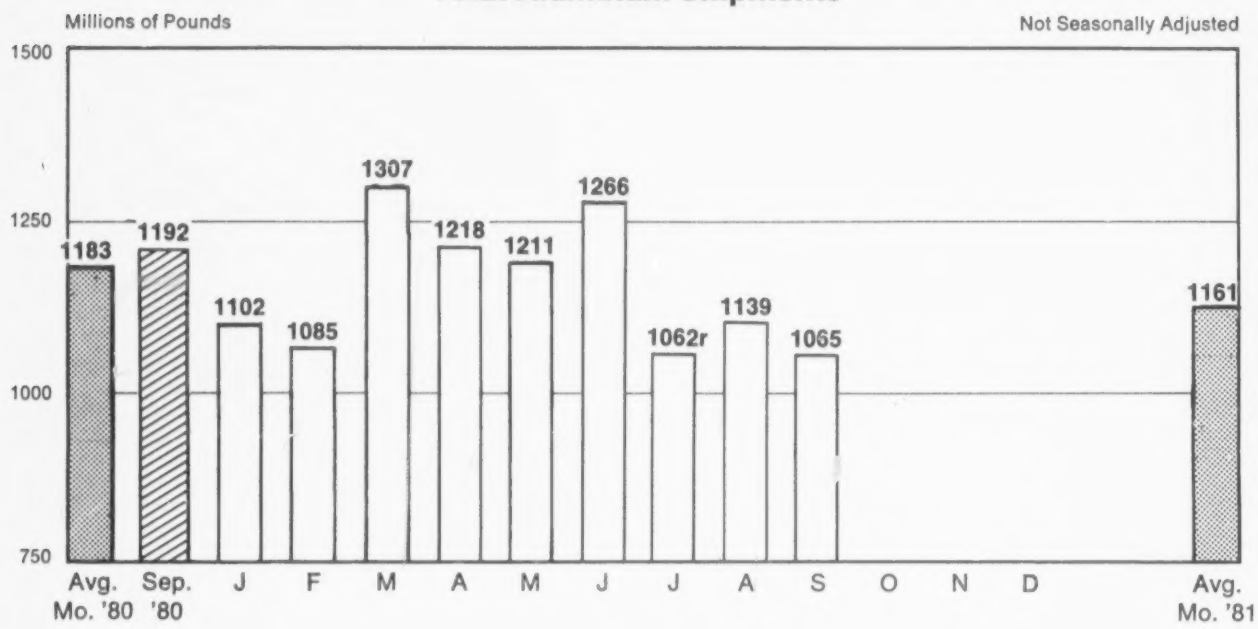
Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

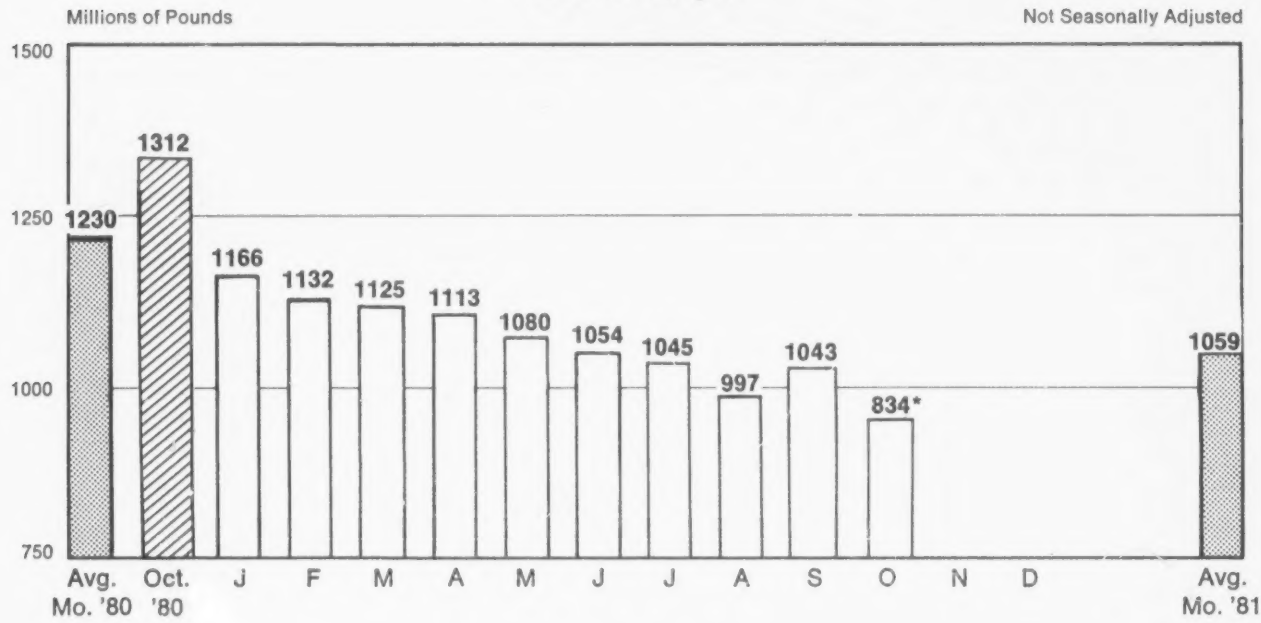
	1981 September*	1981 August	1980 September	% Change Latest Month 1981 v. 1980
Sheet & Plate	511.0	513.6	481.2	+ 6.2
Foil	67.0	68.9	68.2	− 1.8
Rod, Bar & Wire	28.0	25.0	41.6	− 32.7
Electrical Conductor	59.0	56.3	56.4	+ 4.6
Extruded Products	169.0	173.4	183.8	− 8.1
Welded Tube	13.0	9.7	7.7	+ 68.8
Powder & Pigments	10.0	9.0	9.0	+ 11.1
Forgings & Impacts	12.0	9.9	11.3	+ 6.2
Net Imports of Mill Products (Total) (a)	26.0	20.7	7.4	+251.4
Total Mill Products	895.0	886.5	865.6	+ 3.4
Ingot	170.0(b)	252.4	326.3	− 47.9
TOTAL INDUSTRY SHIPMENTS	1,065.0	1,138.9	1,191.9	− 10.6
Exports	(64.6)	(69.5)	(256.7)	− 74.8
TOTAL DOMESTIC SHIPMENTS	1,000.4	1,069.4	935.2	+ 7.0

* Latest month estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

September Net Shipments Down 10.6 Per Cent

Total September, 1981 net shipments of 1,065 million pounds were down an estimated 10.6% vs. September, 1980. Domestic shipments in September, 1981 were 7.0% above a year ago.

Order Receipts



Order Receipts
(Millions of Pounds)

	1981* October	1981 September	1980 October	% Change Latest Month 1981 vs. 1980
Can Stock	166.3	236.6	288.0	−42.3
Sheet & Plate, Other	190.9	178.8	336.4	−43.3
Foil	66.0	66.2	88.4	−25.3
Rod, Bar & Wire	14.0	17.8	20.6	−32.0
Electrical Conductor	52.8	43.5	45.1	+17.1
Extruded Products	139.5	140.3	161.6	−13.7
Primary Ingot	30.6	21.2	59.4	−48.5
Other (Including Secondary Ingot)	127.9	227.0	150.3	−14.9
TOTAL DOMESTIC	788.0	931.4	1,149.8	−31.5
Exports	45.9	111.8	162.3	−71.7
TOTAL ALL PRODUCTS	833.9	1,043.2	1,312.1	−36.4

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

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r-revised.

October Orders Down 36.4 Per Cent vs. October, 1980

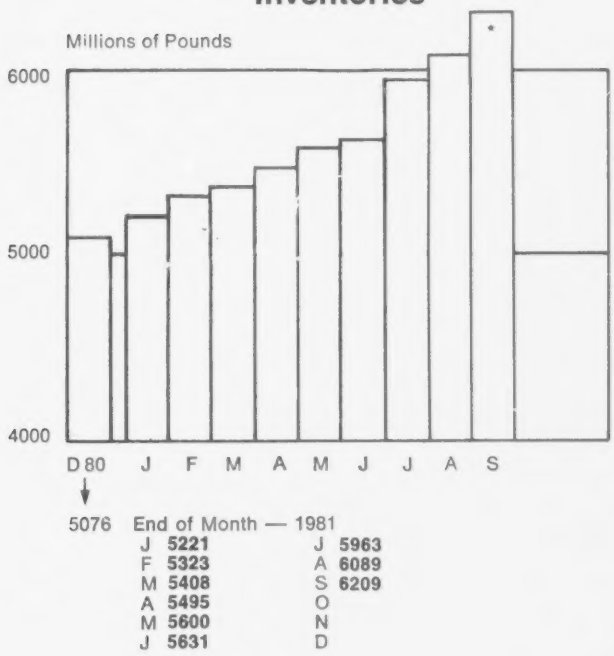
October, 1981 order receipts at 834 million pounds were 36.4% less than October, 1980 orders of 1,312 million pounds. Total orders for 10 months of 1981 were 13.6% less than 10 months of 1980.

Producer Stocks

Producer inventories increased an estimated 120 million pounds in September, 1981 from an estimated 6,089 million pounds in August to an estimated 6,209 million pounds.

Integrated producer stocks went up 88 million pounds. Secondary smelters' and nonintegrateds' stocks together increased 32 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Sep. '81	Aug. '81	Sep. '81 vs. Year End '80
Integrateds	5,097	5,009	+1,079
Smelters	260	255	− 1
Nonintegrated	852	825	+ 55
TOTAL	6,209	6,089	+1,133

* Latest month estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1981 September	1981 August	1980 September	% Change Latest Month 1981 v. 1980
Imports	Mill Products	29.6	23.7	9.1	+225.3
	Ingot	121.1	133.9	86.0	+ 40.8
	TOTAL	150.7	157.6	95.1	+ 58.5
	Scrap (+ dross)	13.1	13.0	9.2	+ 42.4
Exports	Mill Products	46.1	33.7	59.0	− 21.9
	Ingot	18.5	35.8	197.7	− 90.6
	TOTAL	64.6	69.5	256.7	− 74.8
	Scrap	44.9	29.3	72.1	− 37.7
Net Imports		+54.3	+71.8	(224.5)	+124.2

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

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Economic Affairs Department 202-862-5100

December, 1981

A 0400-1 1/15/82

Domestic Shipments Up 2.6 Per Cent

Net shipments of aluminum ingot and mill products in 10 months of 1981, at an estimated 11,538 million pounds were 3.5% less than shipments of 11,955 million pounds for 10 months of 1980.

Domestic shipments totalled 10,347 million pounds for 10 months of 1981, representing an increase of 2.6% from the 10,086 million pounds shipped in 10 months of 1980.

Exports of 1,191 million pounds were 36.3% lower than the 1,869 million pounds for 10 months of 1980.

Thru October, 1981

	10 Mos. 1981	10 Mos. 1980	% Change
Mill Products	9,148	8,943	+ 2.3
Ingot	2,390	3,012	−20.7
Total	11,538	11,955	− 3.5
Less Exports	−1,191	−1,869	−36.3
Domestic Total	10,347	10,086	+ 2.6

Millions of Pounds
Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census.

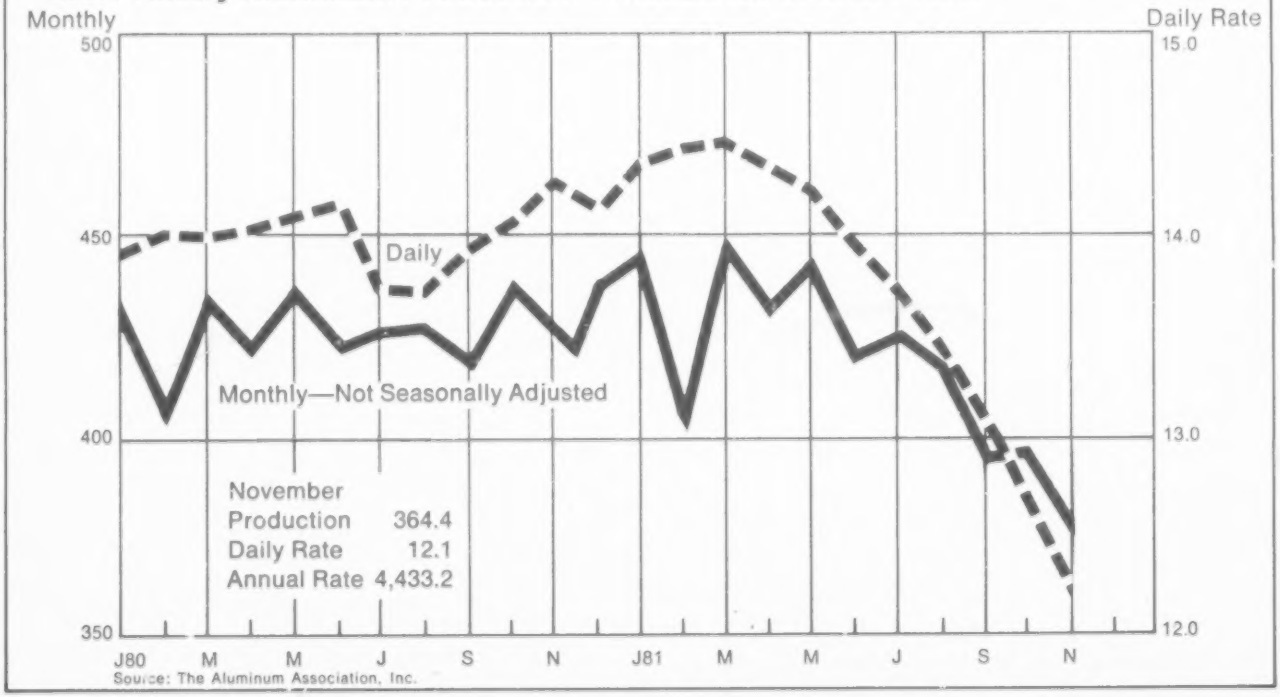
Primary Production Rate Down 14.7 Per Cent

U.S. primary aluminum production averaged 12,146 short tons daily during November, 1981 compared with an average 14,246 tons a day in November, 1980.

The annual rate of production in November, 1981 was 4,433,229 tons, compared to 5,214,207 tons in November, 1980. The October, 1981 production rate was 4,657,453 tons.

Actual production in November, 1981 was 364,375 tons. This compared with 427,394 tons in November, 1980 and 395,565 tons in October, 1981.

U.S. Primary Aluminum Production—Thousands of Short Tons



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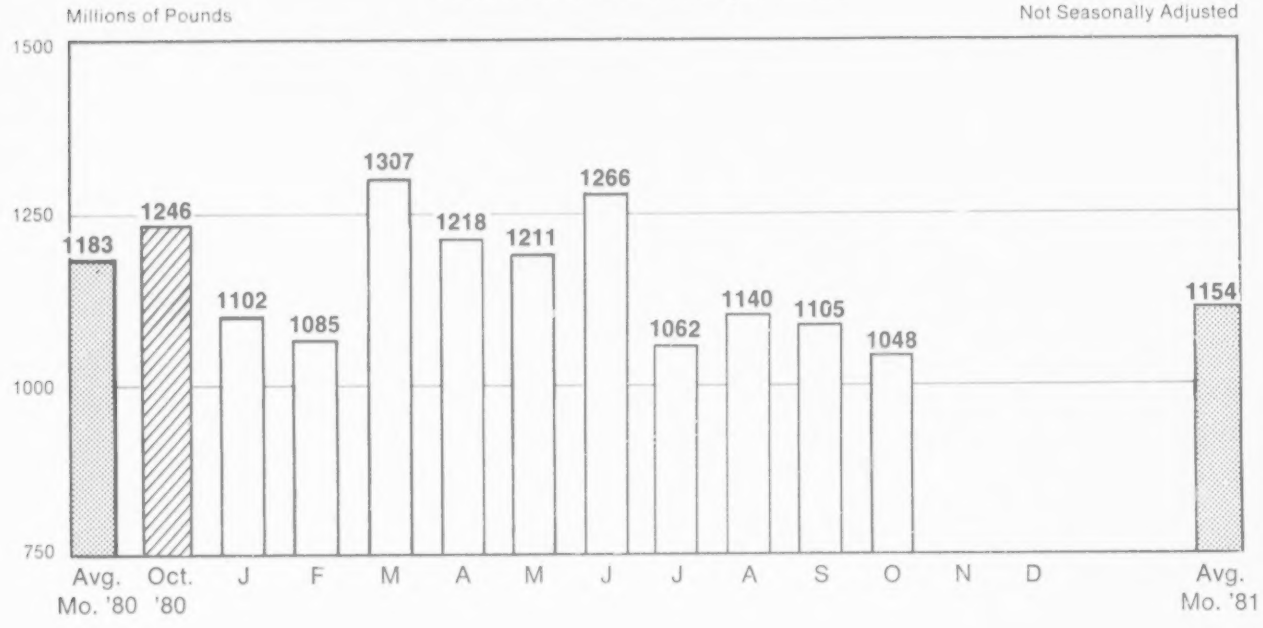
Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

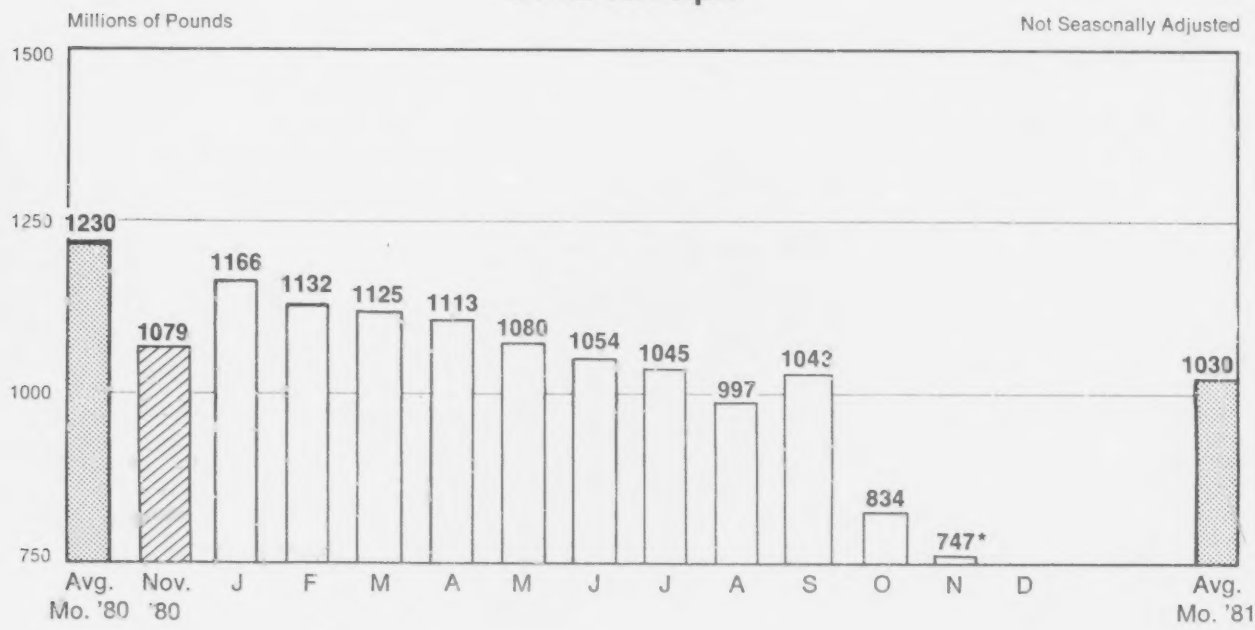
	1981 October*	1981 September	1980 October	% Change Latest Month 1981 v. 1980
Sheet & Plate	475.0	508.0	493.8	− 3.8
Foil	72.0	67.2	76.7	− 6.1
Rod, Bar & Wire	27.0	27.2	42.4	−36.3
Electrical Conductor	58.0	61.6	64.2	− 9.7
Extruded Products	177.0	176.8	202.5	−12.6
Welded Tube	5.0	4.3	12.2	−59.0
Powder & Pigments	10.0	9.2	9.8	+ 2.0
Forgings & Impacts	11.0	11.0	11.7	− 6.0
Net Imports of Mill Products (Total) (a)	23.0	22.2	14.2	+62.0
Total Mill Products	858.0	887.5	927.5	− 7.5
Ingot	190.0(b)	217.9	318.7	−40.4
TOTAL INDUSTRY SHIPMENTS	1,048.0	1,105.4	1,246.2	−15.9
Exports	(107.8)	(64.6)	(222.6)	−51.6
TOTAL DOMESTIC SHIPMENTS	940.2	1,040.8	1,023.6	− 8.1

* Latest month estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

October Net Shipments Down 15.9 Per Cent

Total October, 1981 net shipments of 1,048 million pounds were down an estimated 15.9% vs. October, 1980. Domestic shipments were also down, about 8.1% vs. a year ago.

Order Receipts



Order Receipts
(Millions of Pounds)

	1981 November*	1981 October	1980 November	% Change Latest Month 1981 vs. 1980
Can Stock	157.8	166.3	196.9	—19.9
Sheet & Plate, Other	165.5	190.9	279.8	—40.9
Foil	70.6	66.0	78.7	—10.3
Rod, Bar & Wire	15.5	14.0	18.3	—15.3
Electrical Conductor	30.7	52.8	38.2	—19.6
Extruded Products	122.0	139.5	138.4	—11.8
Primary Ingot	22.2	30.6	43.4	—45.8
Other (Including Secondary Ingot)	97.9	127.9	170.6	—42.6
TOTAL DOMESTIC	682.2	788.0	964.3	—29.3
Exports	64.5	45.9	114.2	—43.5
TOTAL ALL PRODUCTS	746.7	833.9	1,078.5	—30.8

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

November Orders Down 30.8 Per Cent vs. November, 1980

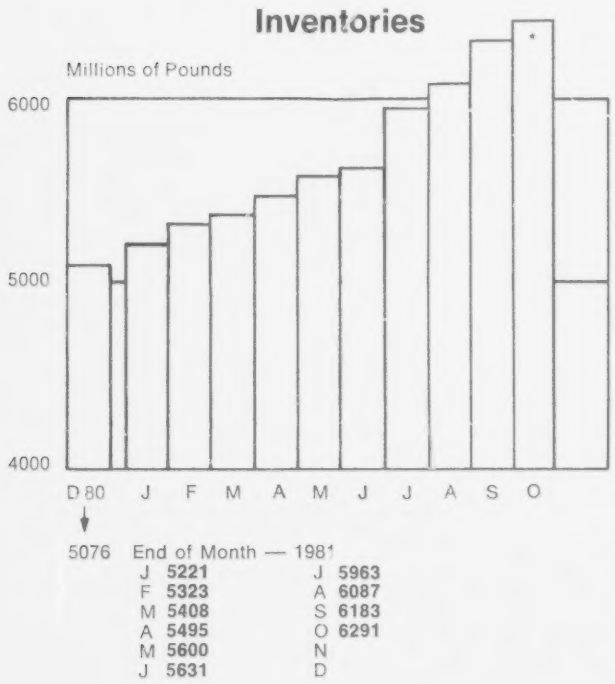
November, 1981 order receipts at 747 million pounds were 30.8% less than November, 1980 orders of 1,079 million pounds. Total orders for 11 months of 1981 were 15.0% less than 11 months of 1980.

Producer Stocks Up 108 Million Pounds

Producer inventories increased an estimated 108 million pounds in October, 1981 from 6,183 million pounds in September to an estimated 6,291 million pounds.

Integrated producer stocks rose 108 million pounds, while Secondary smelters' and nonintegrateds' stocks were estimated to show no change.

Inventories are estimated to have risen 1,215 million pounds in ten months of 1981.



Producers Inventories
(Millions of Pounds)

Producers	Oct. '81*	Sep. '81	Oct. '81 vs. Year End '80
Integrateds	5,206	5,098	+1,188
Smelters	235	235	− 26
Nonintegrated	850	850	+ 53
TOTAL	6,291	6,183	+1,215

* Latest month estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1981 October	1981 September	1980 October	% Change Latest Month 1981 vs. 1980
Imports	Mill Products	33.8	29.6	15.4	+119.5
	Ingot	111.5	121.1	108.9	+ 2.4
	TOTAL	145.3	150.7	124.3	+ 16.9
	Scrap (+ dross)	19.0	13.1	12.3	+ 54.5
Exports	Mill Products	59.7	46.1	82.3	− 27.5
	Ingot	48.1	18.5	140.3	− 65.7
	TOTAL	107.8	64.6	222.6	− 51.6
	Scrap	41.6	44.9	80.9	− 48.6
Net Imports		+14.9	+54.3	(166.9)	+108.9

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

Seasons Greetings!

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Economic Affairs Department 202-862-5100

A0400-1 2/24/82

January, 1982

Domestic Shipments Up 2.3 Per Cent

Net shipments of aluminum ingot and mill products in 11 months of 1981, at an estimated 12,749 million pounds were 3.9% less than shipments of 12,986 million pounds for 11 months of 1980.

Domestic shipments totalled 11,197 million pounds for 11 months of 1981, representing an increase of 2.3% from the 10,946 million pounds shipped in 11 months of 1980.

Exports of 1,282 million pounds were down 37.2% vs. 2,040 million pounds for 11 months of 1980.

Thru November, 1981

	11 Mos. 1981	11 Mos. 1980	% Change
Mill Products	9,859	9,749	+ 1.1
Ingot	2,620	3,237	−19.1
Total	12,479	12,986	− 3.9
Less Exports	−1,282	−2,040	−37.2
Domestic Total	11,197	10,946	+ 2.3

Millions of Pounds
Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census.

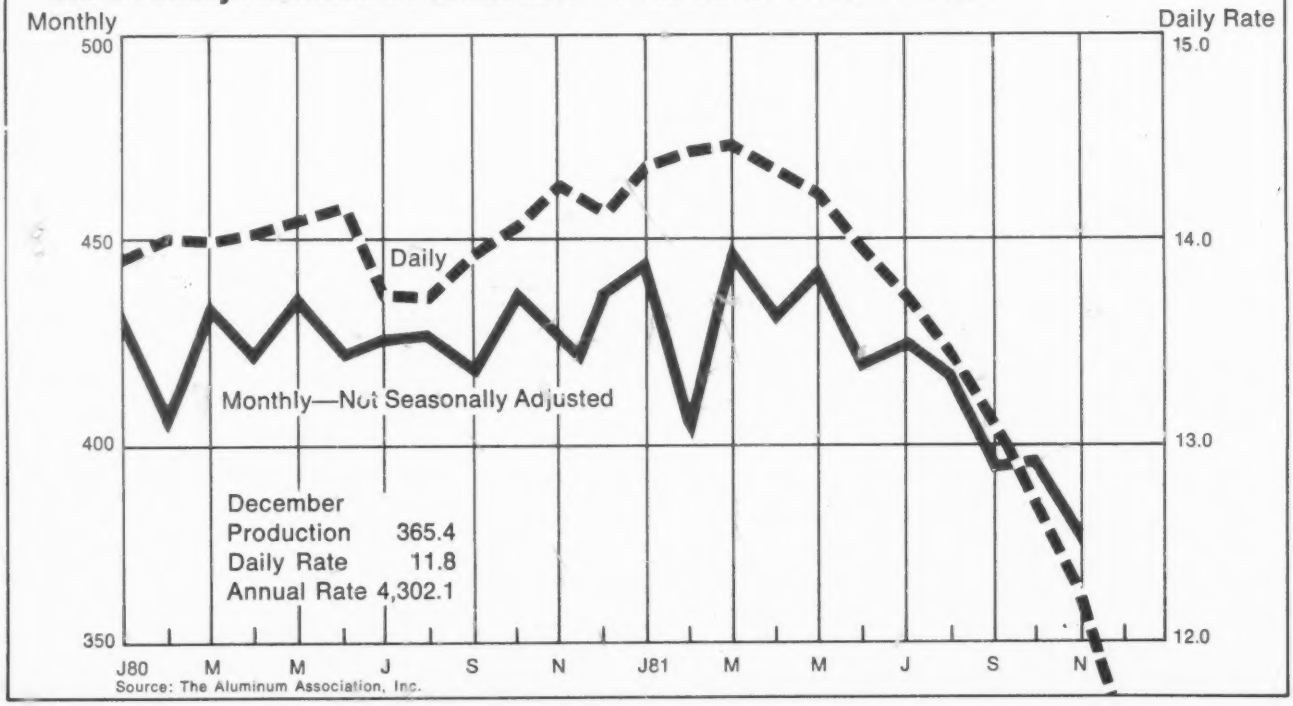
Primary Production Rate Down 16.7 Per Cent

U.S. primary aluminum production averaged 11,787 short tons daily during December, 1981 compared with an average 14,159 tons a day in December, 1980.

The annual rate of production in December, 1981 was 4,302,094 tons, compared to 5,182,194 tons in December, 1980. The November, 1981 production rate was 4,433,229 tons.

Actual production in December, 1981 was 365,384 tons. Preliminary 1981 total production totalled 4,949,144 tons, down 3.5% from the year 1980.

U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association, Inc.

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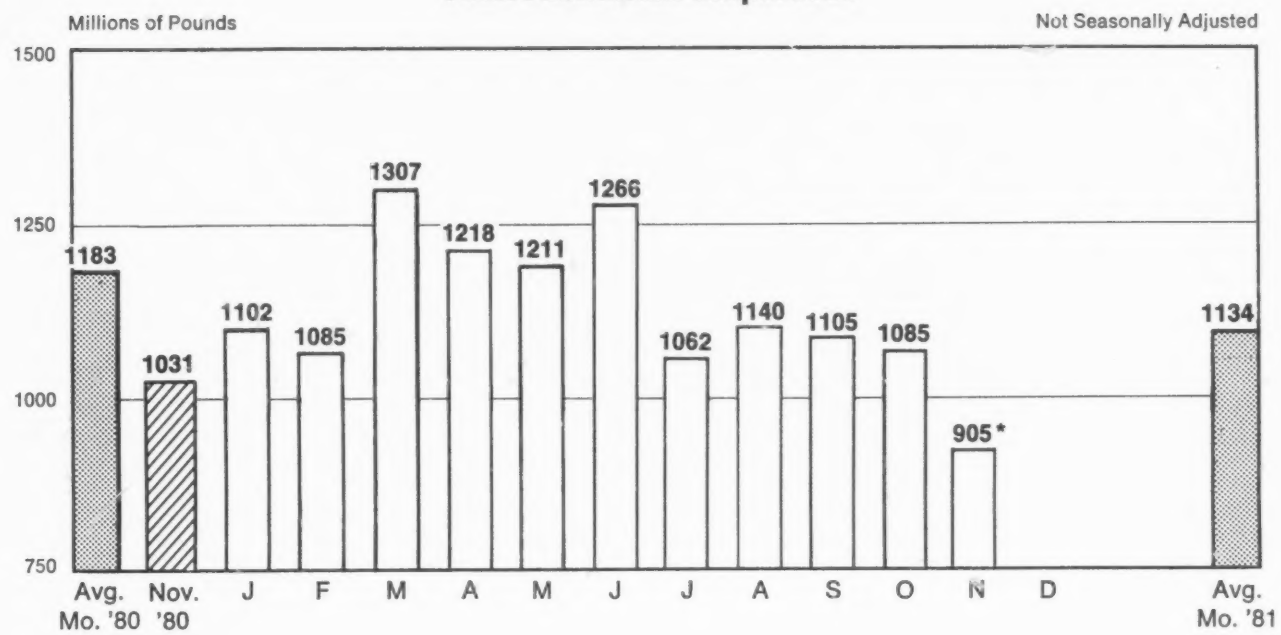
Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

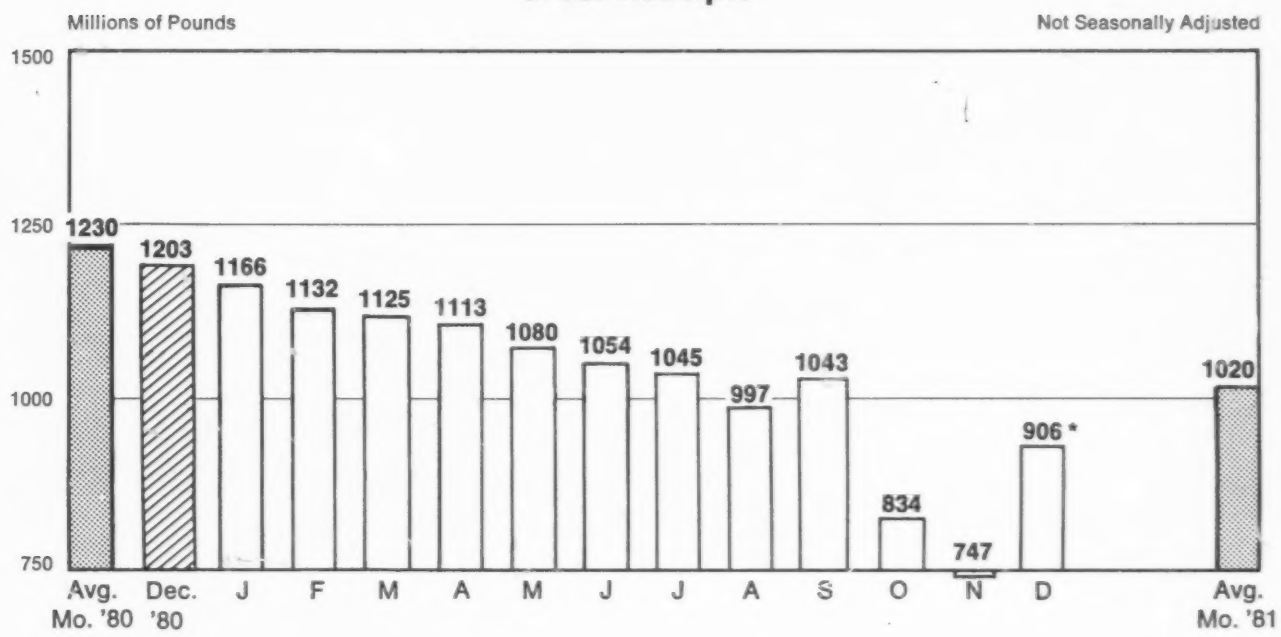
	1981 November *	1981 October	1980 November	% Change Latest Month 1981 v. 1980
Sheet & Plate	376.0	476.6	435.4	— 13.6
Foil	60.0	75.2	68.0	— 11.8
Rod, Bar & Wire	21.0	22.4	32.7	— 35.8
Electrical Conductor	52.0	59.6	48.9	+ 6.3
Extruded Products	147.0	172.4	182.1	— 19.3
Welded Tube	4.0	5.1	10.2	— 60.8
Powder & Pigments	9.0	9.1	9.2	— 2.2
Forgings & Impacts	10.0	10.5	10.1	— 1.0
Net Imports of Mill Products (Total) (a)	26.0	28.1	9.4	+176.6
Total Mill Products	705.0	859.0	806.0	— 12.5
Ingot	200.0(b)	226.2	224.9	— 11.1
TOTAL INDUSTRY SHIPMENTS	905.0	1,085.2	1,030.9	— 12.2
Exports	(90.6)	(107.8)	(170.4)	— 46.8
TOTAL DOMESTIC SHIPMENTS	814.4	977.4	860.5	— 5.4

* Latest month estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

November Net Shipments Down 12.2 Per Cent

Total November, 1981 net shipments of 905 million pounds were down an estimated 12.2% vs. November, 1980. Domestic shipments were down 5.4%.

Order Receipts



Order Receipts
(Millions of Pounds)

	1981 December	1981 November	1980 December	% Change Latest Month 1981 vs. 1980
Can Stock	241.8	157.8	206.1	+17.3
Sheet & Plate, Other	164.7	165.5	282.4	—41.7
Foil	67.6	70.6	81.6	—17.2
Rod, Bar & Wire	19.0	15.5	18.5	+ 2.7
Electrical Conductor	46.3	30.7	36.7	+26.2
Extruded Products	133.7	122.0	136.7	— 2.2
Primary Ingot	27.4	22.2	47.7	—42.6
Other (Including Secondary Ingot)	167.7	97.9	171.4	— 2.2
TOTAL DOMESTIC	868.2	682.2	981.1	—11.5
Exports	37.7	64.5	221.6	—83.0
TOTAL ALL PRODUCTS	905.9	746.7	1,202.7	—24.7

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

December Orders Down 24.7 Per Cent vs. December, 1980

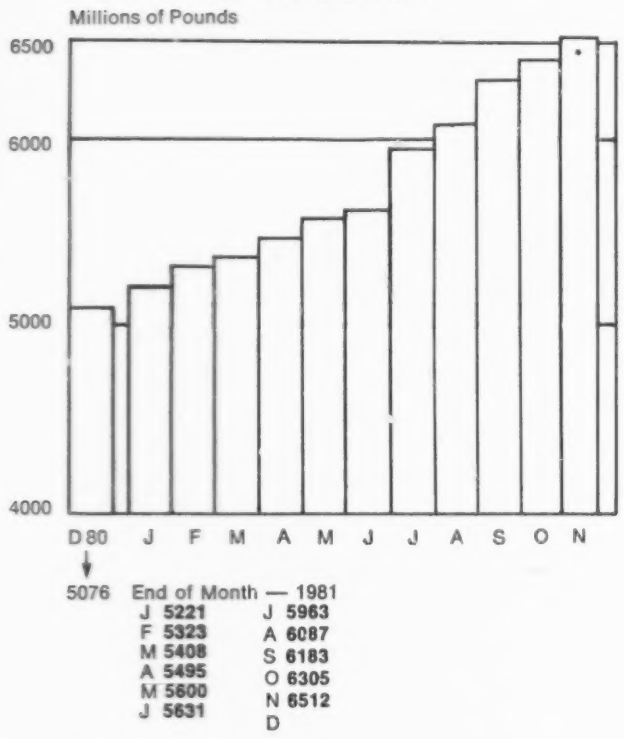
December, 1981 order receipts at 906 million pounds were 24.7% less than December, 1980 orders of 1,203 million pounds. Domestic orders were down 11.5%. December orders, however, showed a 21.3% jump over November. Total orders for the year 1981 of 12,242 million pounds were 15.8% less than the 1980 total of 14,537 million pounds.

Producers Stocks Up 207 Million Pounds

Producer inventories increased an estimated 207 million pounds in November, 1981 from an estimated 6,305 million pounds in October to an estimated 6,512 million pounds.

Integrated producer stocks rose 197 million pounds. Secondary smelters' and nonintegrateds' stocks together rose an estimated 10 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Nov. '81	Oct. '81	Nov. '81 vs. Year End '80
Integrateds	5,404	5,207	+1,386
Smelters	248	248	— 13
Nonintegrated	860	850(a)	+ 63
TOTAL	6,512	6,305	+1,436

* Latest month estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.
(a) Estimated. Census will revise published data.

Imports and Exports
(Millions of Pounds)

		1981 November	1981 October	1980 November	% Change Latest Month 1981 v. 1980
Imports	Mill Products	31.0	33.8	10.6	+192.5
	Ingot	83.1	111.5	59.8	+ 39.0
	TOTAL	114.1	145.3	70.4	+ 62.1
	Scrap (+ dross)	17.2	19.0	10.1	+ 70.3
Exports	Mill Products	44.5	59.7	60.4	— 26.3
	Ingot	46.1	48.1	110.0	— 58.1
	TOTAL	90.6	107.8	170.4	— 46.8
	Scrap	42.7	41.6	50.8	— 15.9
Net Imports		(2.0)	+14.9	(110.7)	+ 98.2

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

February, 1982

Annual Shipments Decline 5.4 Per Cent

Net shipments of aluminum ingot and mill products through December, 1981, at an estimated 13,429 million pounds were 5.4% less than shipments of 14,199 million pounds for 12 months of 1980.

Domestic shipments totalled 12,061 million pounds through December, 1981, representing an increase of 0.5% over the 12,006 million pounds shipped in the first 12 months of 1980.

Exports of 1,368 million pounds were down 37.6% vs. 2,193 million pounds for 12 months of 1980.

Thru December, 1980 (Preliminary)

	12 Mos. 1981	12 Mos. 1980	% Change
Mill Products	10,569	10,627	− 0.5
Ingot	2,860	3,572	−19.9
Total	13,429	14,199	− 5.4
Less Exports	−1,368	−2,193	−37.6
Domestic Total	12,061	12,006	+ 0.5

Millions of Pounds
Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census.

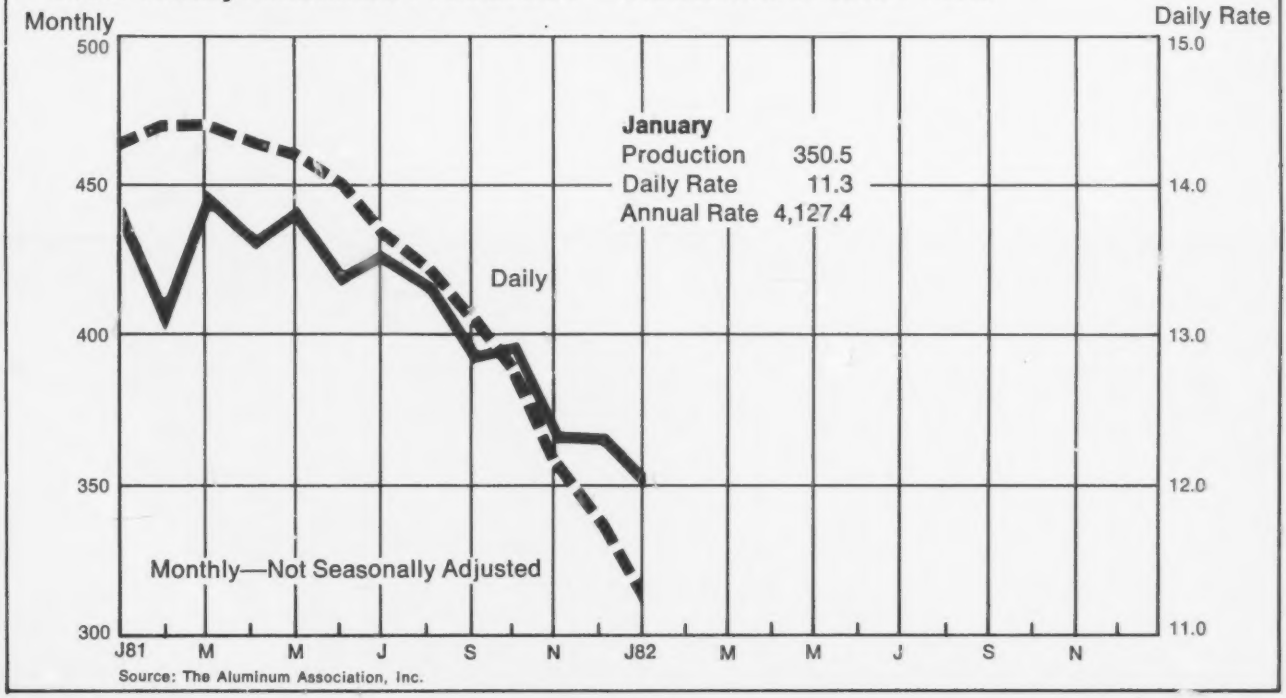
Primary Production Rate Down 21.2 Per Cent

U.S. primary aluminum production averaged 11,308 short tons daily during January, 1982, compared with an average 14,349 tons a day in January, 1981.

The annual rate of production in January, 1982 was 4,127,414 tons, compared to 5,237,467 tons in January, 1981. The December, 1981 production rate was 4,287,749 tons.

Actual production in January, 1982 was 350,548 tons. This compared with 444,826 tons in January, 1981 and 364,165 tons in December, 1981.

U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association, Inc.

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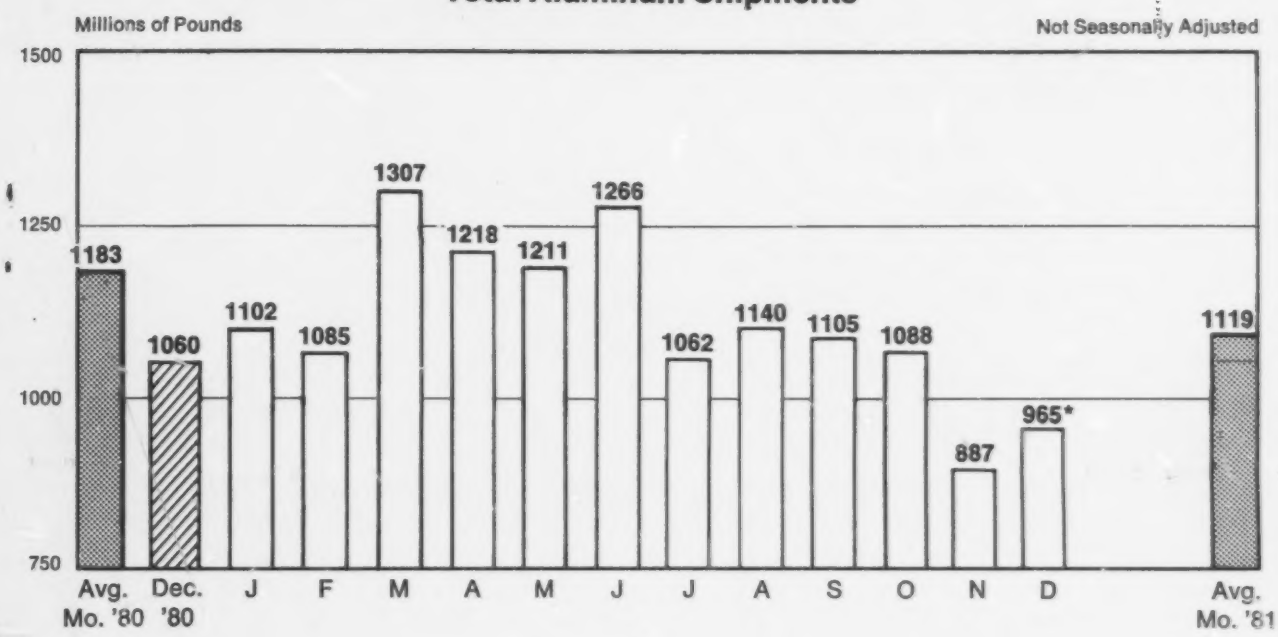
Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

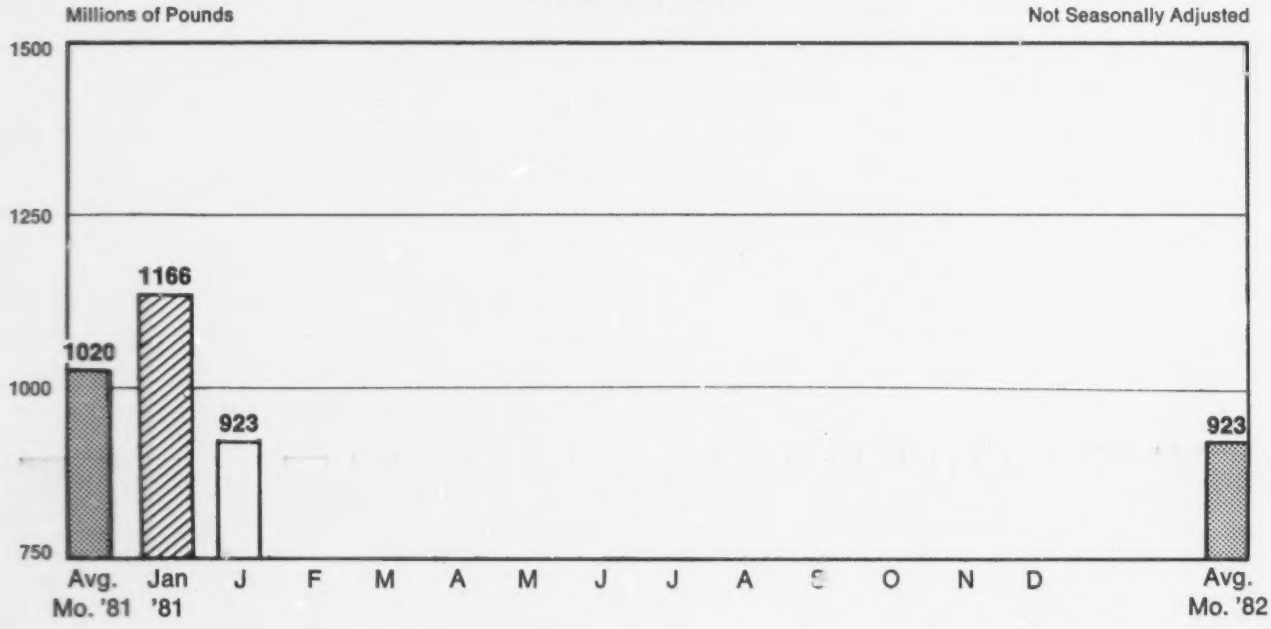
	1981 December*	1981 November	1980 December	% Change Latest Month 1981 v. 1980
Sheet & Plate	325.0	366.3	492.1	− 21.8
Foil	63.0	62.3	72.4	− 13.0
Rod, Bar & Wire	25.0	21.3	34.9	− 28.4
Electrical Conductor	57.0	52.1	60.0	− 5.0
Extruded Products	133.0	145.5	178.8	− 25.6
Welded Tube	4.0	3.2	9.8	− 59.2
Powder & Pigments	8.0	8.0	9.9	− 19.2
Forgings & Impacts	9.0	9.3	10.1	− 10.9
Net Imports of Mill Products (Total) (a)	29.3	29.7	10.0	+193.0
Total Mill Products	713.3	697.7	878.0	− 18.8
Ingot	252.0(b)	188.8	335.3	− 24.8
TOTAL INDUSTRY SHIPMENTS	965.3	886.5	1,213.3	− 20.4
Exports	(85.5)	(90.6)	(153.8)	− 44.4
TOTAL DOMESTIC SHIPMENTS	879.8	795.9	1,059.5	− 17.0

* Latest month estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

December Net Shipments Down 20.4 Per Cent

Total December, 1981 net shipments of 965 million pounds were down an estimated 20.4% vs. December, 1980. Domestic shipments were down 17.0%.

Order Receipts



Order Receipts
(Millions of Pounds)

	1982 January	1981 December	1981 January	% Change Latest Month 1981 vs. 1980
Can Stock	248.6	241.8	248.7	—
Sheet & Plate, Other	182.7	164.7	274.1	−33.3
Foil	65.0	67.6	71.5	− 9.1
Rod, Bar & Wire	26.0	19.0	33.3	−21.9
Electrical Conductor	55.6	46.3	71.7	−22.5
Extruded Products	117.2	133.7	153.1	−24.4
Primary Ingot	20.5	27.4	38.5	−46.8
Other (Including Secondary Ingot)	117.7	167.7	139.5	−15.6
TOTAL DOMESTIC	833.3	868.2	1,030.4	−19.1
Exports	89.6	37.7	135.9	−34.1
TOTAL ALL PRODUCTS	922.9	905.9	1,166.3	−20.9

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

January Orders 20.9 Per Cent Less Than January, 1981

January order receipts at 923 million pounds were down 20.9% vs. January, 1981 orders of 1,166 million pounds. Domestic orders were down 19.1% vs. a year ago.

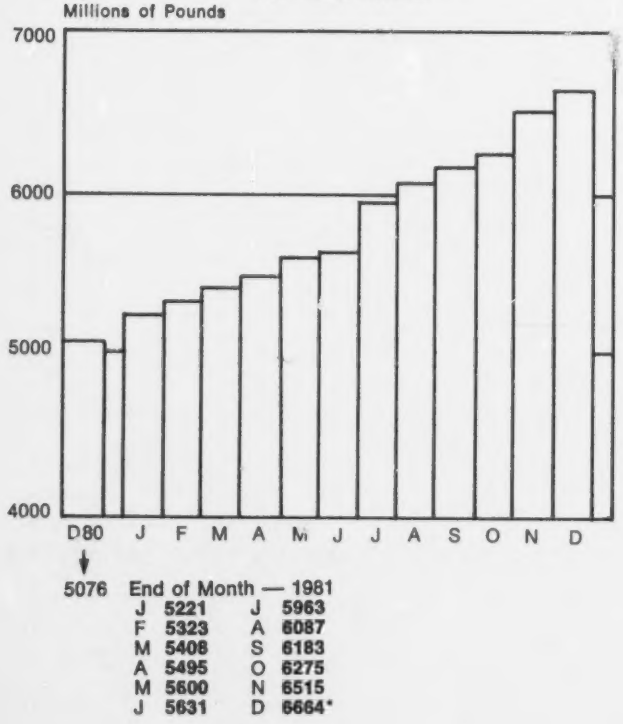
Producers Stocks Up 149 Million Pounds

Producer inventories increased an estimated 149 million pounds in December, 1981 from an estimated 6,515 million pounds in November to an estimated 6,664 million pounds.

Integrated producer stocks rose 173 million pounds. Secondary smelters' and nonintegrateds' stocks together dropped an estimated 24 million pounds.

Preliminary estimates indicate that producer inventories at the end of 1981 increased 1,588 million pounds vs. year-end 1980.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Dec. '81	Dec. '80	Dec. '81 vs. Year End '80
Integrateds	5,577	4,018	+1,559
Smelters	255	261	− 6
Nonintegrated	832	797	+ 35
TOTAL	6,664	5,076	+1,588

* Latest month estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.
(a) Estimated. Census will revise published data.

Imports and Exports
(Millions of Pounds)

		1981 December	1981 November	1980 December	% Change Latest Month 1981 v. 1980
Imports	Mill Products	30.6	31.0	11.6	+163.8
	Ingot	98.7	83.1	156.8	− 37.1
	TOTAL	129.3	114.1	168.4	− 23.2
	Scrap (+ dross)	8.7	17.2	9.8	− 11.2
Exports	Mill Products	38.3	44.5	61.7	− 37.9
	Ingot	49.2	46.1	92.1	− 46.6
	TOTAL	87.5	90.6	153.8	− 43.1
	Scrap	36.4	42.7	44.9	− 18.9
Net Imports		+14.1	(2.0)	(20.5)	+168.8

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

The Aluminum Situation

A Monthly Publication of
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Economic Affairs Department 202-862-5100

A0400-1 3/31/82

March, 1982

Domestic Shipments Down 13.1 Per Cent

Net shipments of aluminum ingot and mill products in January of 1982, at an estimated 879 million pounds were 20.2% less than shipments of 1,102 million pounds for January of 1981.

Domestic shipments totalled 791 million pounds for January of 1982, representing a decline of 13.1% from the 911 million pounds shipped in January of 1981.

Exports of 88 million pounds were down 53.7% vs. 191 million pounds for 1 month of 1981.

Thru January, 1982

	1 Mo. 1982	1 Mo. 1981	% Change
Mill Products	758	895	−15.2
Ingot	121	207	−41.6
Total	879	1,102	−20.2
Less Exports	−88	−191	−53.7
Domestic Total	791	911	−13.1

Millions of Pounds
Source: Latest month estimated by the Aluminum Association. Previous data—Bureau of the Census.

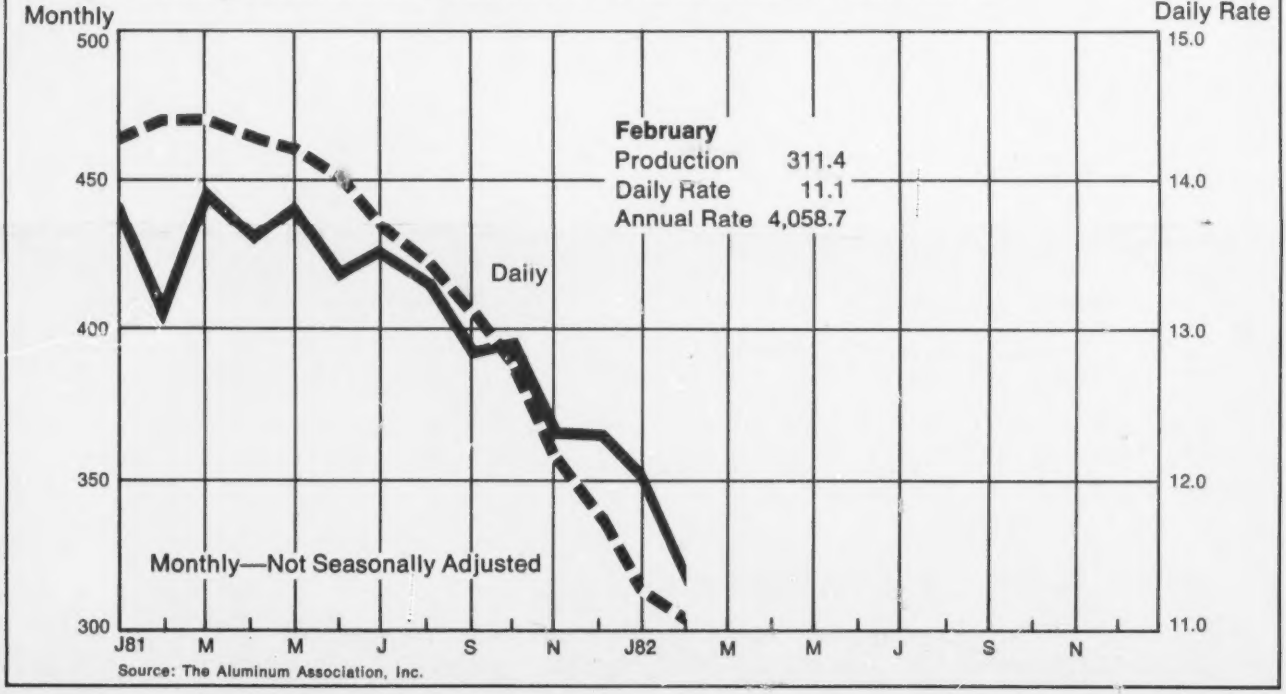
Primary Production Rate Down 23.0 Per Cent

U.S. primary aluminum production averaged 11,120 short tons daily during February, 1982, compared with an average 14,437 tons a day in February, 1981.

The annual rate of production in February, 1982 was 4,058,748 tons, compared to 5,269,362 tons in February, 1981. The January, 1982 production rate was 4,127,414 tons.

Actual production in February, 1982 was 311,356 tons. This compared with 404,225 tons in February, 1981 and 350,548 tons in January, 1982.

U.S. Primary Aluminum Production—Thousands of Short Tons



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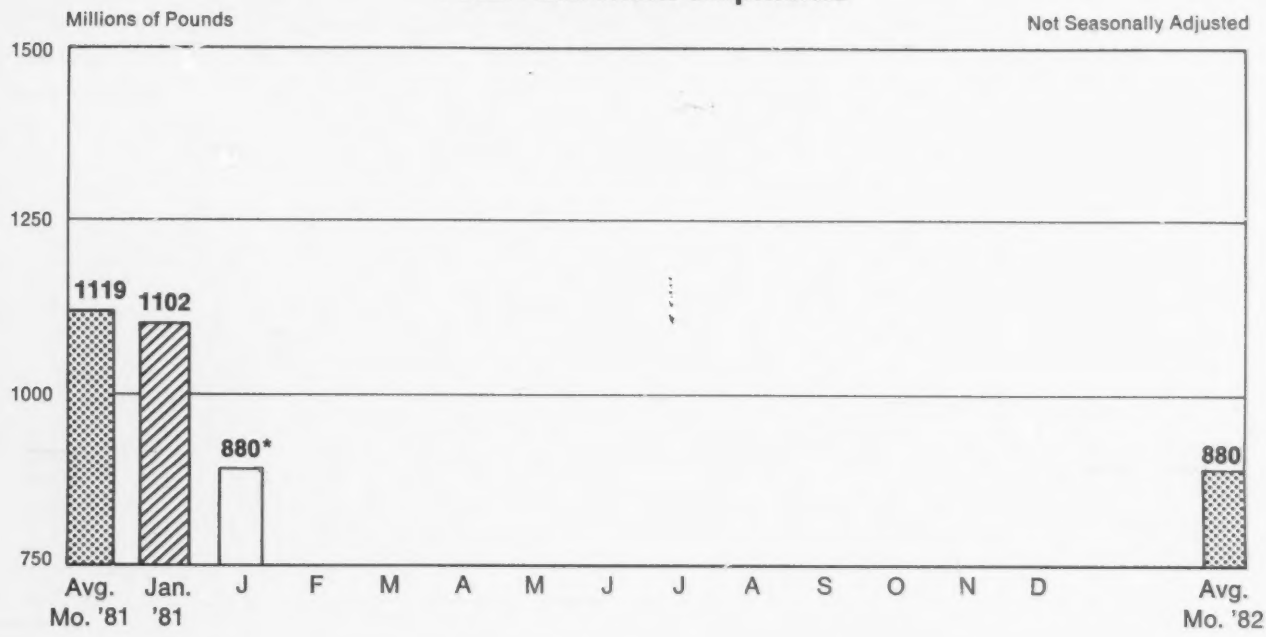
Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

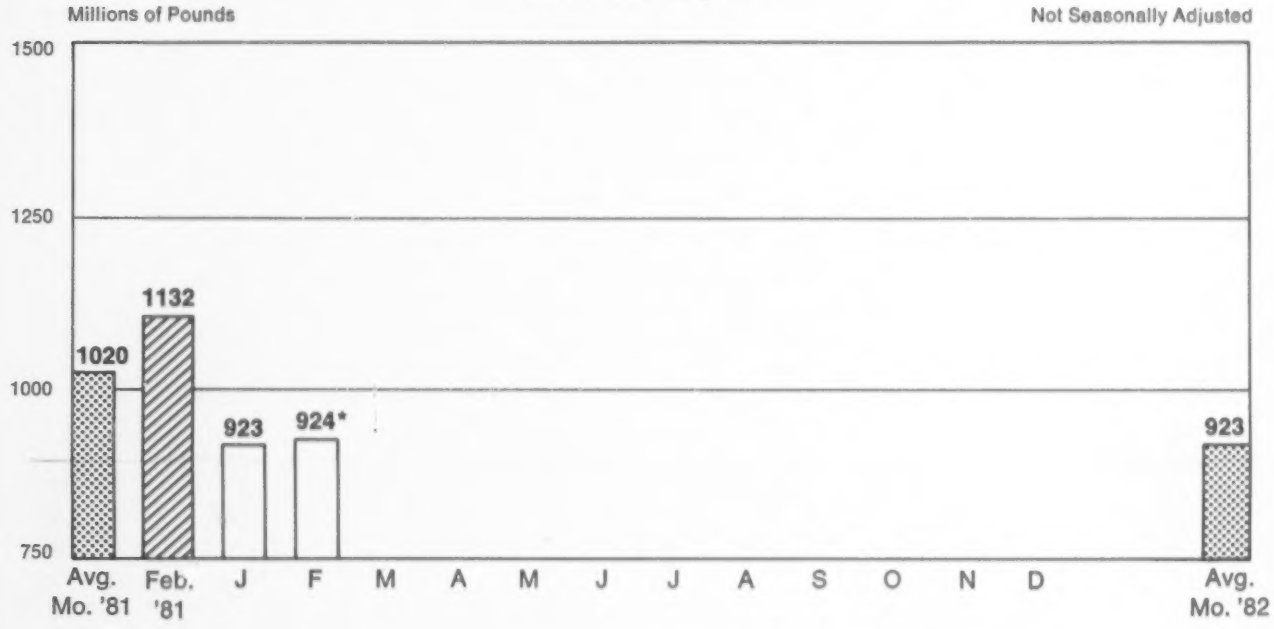
	1982 January*	1981 December	1981 January	% Change Latest Month 1982 v. 1981
Sheet & Plate	432.0	385.0	510.9	−15.4
Foil	67.0	63.0	74.6	−10.2
Rod, Bar & Wire	23.0	25.0	35.1	−34.5
Electrical Conductor	48.0	57.0	51.9	− 7.5
Extruded Products	157.0	133.0	177.5	−11.5
Welded Tube	4.0	4.0	14.4	−72.2
Powder & Pigments	6.0	8.0	5.9	+ 1.7
Forgings & Impacts	10.0	9.0	12.4	−19.4
Net Imports of Mill Products (Total) (a)	11.5	29.3	11.8	− 2.5
Total Mill Products	758.5	713.3	894.5	−15.2
Ingot	121.0(b)	252.0(b)	207.3	−41.6
TOTAL INDUSTRY SHIPMENTS	879.5	965.3	1,101.8	−20.2
Exports	(88.4)	(87.9)r	(191.0)	−53.7
TOTAL DOMESTIC SHIPMENTS	791.1	877.4r	910.8	−13.1

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised.

January Net Shipments Down 20.2 Per Cent

Total January, 1982 net shipments of 880 million pounds were down an estimated 20.2% vs. January, 1981. Domestic shipments were down 13.1% since exports dropped 53.7%

Order Receipts



Order Receipts
(Millions of Pounds)

	1982 February*	1982 January	1981 February	% Change Latest Month 1982 vs. 1981
Can Stock	227.1	248.6	215.4	+ 5.4
Sheet & Plate, Other	198.9	182.7	306.1	−35.0
Foil	53.9	65.0	69.9	−22.9
Rod, Bar & Wire	15.9	26.0	28.1	−43.4
Electrical Conductor	46.9	55.6	43.9	+ 6.8
Extruded Products	137.6	117.2	144.4	− 4.7
Primary Ingot	18.3	20.5	33.4	−45.2
Other (Including Secondary Ingot)	127.5	117.7	151.5	−15.8
TOTAL DOMESTIC	826.1	833.3	992.7	−16.8
Exports	97.7	89.6	139.7	−30.1
TOTAL ALL PRODUCTS	923.8	922.9	1,132.4	−18.4

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

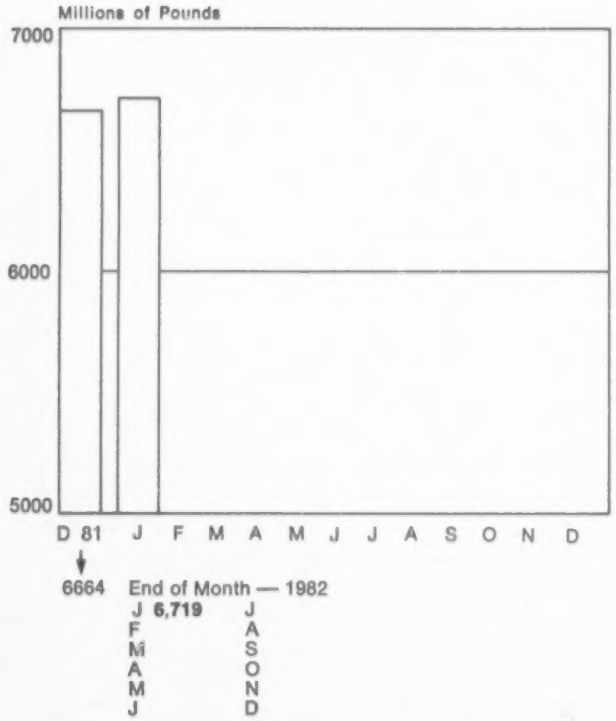
February Orders 18.4 Per Cent Less Than February, 1981

February order receipts at 924 million pounds were down 18.4% vs. February, 1981 orders of 1,132 million pounds. They were even with January of this year. Domestic orders were down 16.8% vs. a year ago.

Producers Stocks Up 55 Million Pounds

Producer inventories increased an estimated 55 million pounds in January, 1982 from an estimated 6,664 million pounds in December, 1981 to an estimated 6,719 million pounds, accounted for by integrated producers. Secondary smelters' and nonintegrateds' stocks together were estimated not to have changed.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Jan. '82*	Dec. '81*	Jan. '82 vs. Year End '81
Integrateds	5,632	5,577	+55
Smelters	255	255	—
Nonintegrated	832	832	—
TOTAL	6,719	6,664	+55

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1982 January	1981 December	1981 January	% Change Latest Month 1982 v. 1981
Imports	Mill Products	38.3	30.2r	13.1	+192.4
	Ingot	76.6	98.7	111.5	− 31.3
	TOTAL	114.9	128.9r	124.6	− 7.8
	Scrap (+ dross)	9.1	8.7	6.8	+ 33.8
Exports	Mill Products	44.2	38.7r	72.2	− 38.8
	Ingot	44.2	49.2	118.8	− 62.8
	TOTAL	88.4	87.9r	191.0	− 53.7
	Scrap	37.7	36.4	46.1	− 18.2
Net Imports		(2.1)	+13.3r	(105.7)	+ 98.0

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

ERRATA: February 1982 THE ALUMINUM SITUATION

The heading in the summary box should read "thru December, 1981 (Preliminary)"

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100 A0400-1 April, 1982

Net Shipments Down 18.4 Per Cent

Net shipments of aluminum ingot and mill products in 2 months of 1982, at an estimated 1,784 million pounds were 18.4% less than shipments of 2,187 million pounds for 2 months of 1981.

Domestic shipments totalled 1,611 million pounds for 2 months of 1982, representing a decline of 14.4% from the 1,883 million pounds shipped in 2 months of 1981.

Exports of 173 million pounds were down 43.1% vs. 304 million pounds for 2 months of 1981.

Thru February, 1982

	2 Mos. 1982	2 Mos. 1981	% Change
Mill Products	1,557	1,766	−11.8
Ingot	227	421	−46.1
Total	1,784	2,187	−18.4
Less Exports	(173)	(304)	−43.1
Domestic Total	1,611	1,883	−14.4

Million of Pounds
Source: Latest two months estimated by the Aluminum Association
Previous data—Bureau of the Census

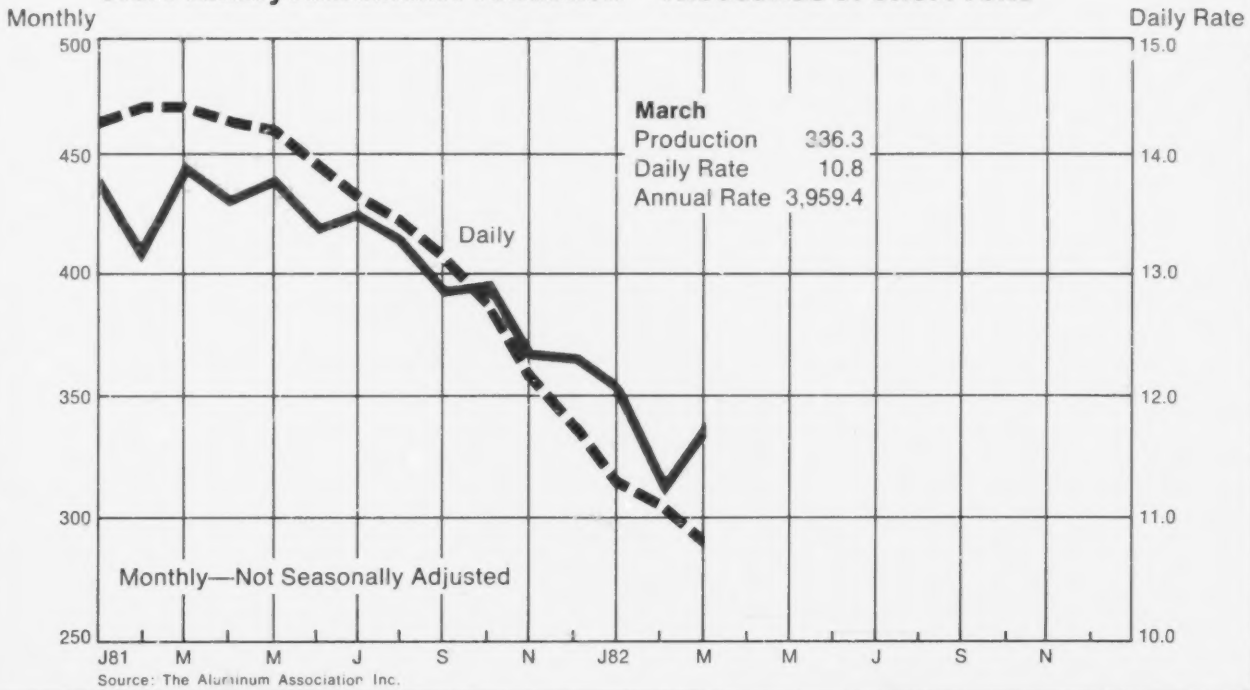
Primary Production Rate Down 24.9 Per Cent

U.S. primary aluminum production averaged 10,848 short tons daily during March, 1982, compared with an average 14,440 tons a day in March, 1981.

The annual rate of production in March, 1982 was 3,959,373 tons, compared to 5,270,771 tons in March 1981. The February, 1982 production rate was 4,058,748 tons.

Actual production in March, 1982 was 336,276 tons. This compared with 447,655 tons in March, 1981 and 311,356 tons in February, 1982.

U.S. Primary Aluminum Production—Thousands of Short Tons



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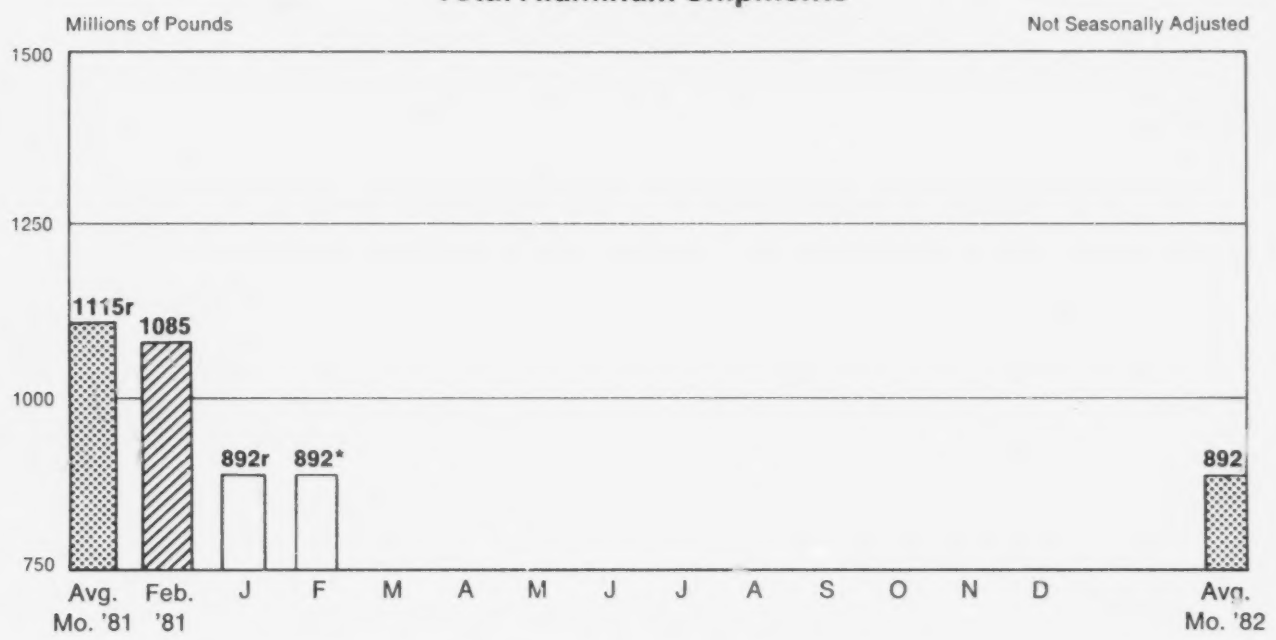
Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

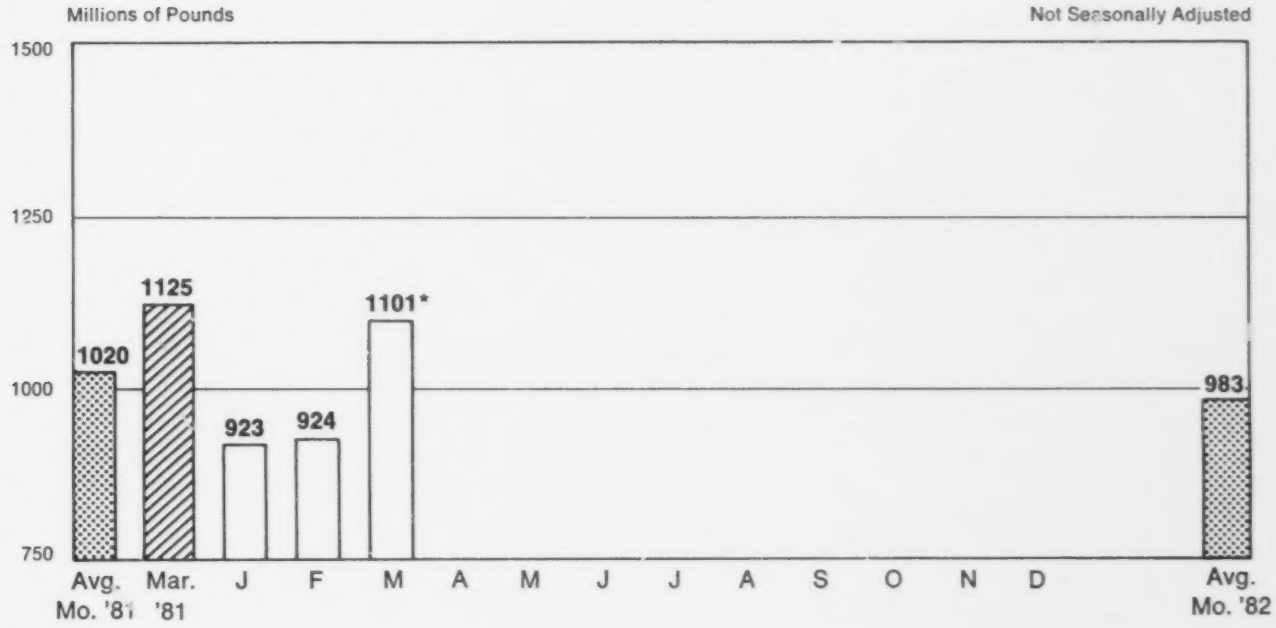
	1982 February*	1982 January*	1981 February	% Change Latest Month 1982 v. 1981
Sheet & Plate	431.0	433.0r	486.5	− 11.4
Foil	60.0	67.0	72.0	− 16.7
Rod, Bar & Wire	22.0	26.0r	36.0	− 38.9
Electrical Conductor	53.0	48.0	56.1	− 5.5
Extruded Products	153.0	157.0	177.1	− 13.6
Welded Tube	5.0	4.0	9.2	− 45.7
Powder & Pigments	8.0	5.0r	9.4	− 14.9
Forgings & Impacts	8.0	9.0r	12.7	− 37.0
Net Imports of Mill Products (Total) (a)	35.0	33.0r	12.6	+177.8
Total Mill Products	775.0	782.0r	871.6	− 11.1
Ingot	117.0(b)	110.0(b)r	213.2	− 45.1
TOTAL INDUSTRY SHIPMENTS	892.0	892.0r	1,084.8	− 17.8
Exports	(84.8)	(88.4)	(112.8)	− 24.8
TOTAL DOMESTIC SHIPMENTS	807.2	803.6r	972.0	− 17.0

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r—revised.

February Net Shipments Down 17.8 Per Cent

Total February, 1982 net shipments of 892 million pounds were down an estimated 17.8% vs. February, 1981, but even with January, 1982. Domestic shipments were 17.0% below a year ago.

Order Receipts



Order Receipts
(Millions of Pounds)

	1982 March	1982 February	1981 March	% Change Latest Month 1982 vs. 1981
Can Stock	311.2	227.1	199.5	+56.0
Sheet & Plate, Other	206.2	198.9	287.4	−28.3
Foil	67.0	53.9	70.7	− 5.2
Rod, Bar & Wire	19.6	15.9	34.0	−42.4
Electrical Conductor	49.4	46.9	49.8	− .08
Extruded Products	155.0	137.6	164.2	− 5.6
Primary Ingot	23.0	18.3	37.2	−38.2
Other (Including Secondary Ingot)	164.7	127.5	162.5	+ 1.4
TOTAL DOMESTIC	996.1	826.1	1,005.3	− 0.9
Exports	105.1	97.7	119.8	−12.3
TOTAL ALL PRODUCTS	1,101.2	923.8	1,125.1	− 2.1

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

March Orders Only 2.1 Per Cent Less Than March, 1981

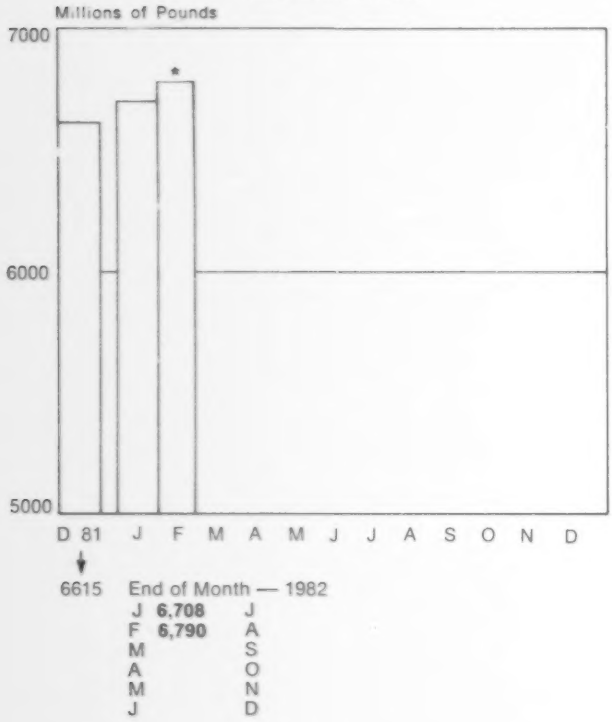
March, 1982 order receipts at 1,101 million pounds were down 2.1% vs. March, 1981 orders of 1,125 million pounds. They were 19.2% better than February of this year. Domestic orders almost equalled those of March, 1981.

Producers Stocks Up 82 Million Pounds

Producer inventories increased an estimated 82 milllion pounds in February, 1982 from an estimated 6,708 million pounds in January to an estimated 6,790 million pounds.

Integrated producer stocks went up 72 million pounds. Secondary smelters' and nonintegrateds' stocks together rose an estimated 10 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Feb. '82*	Jan. '82	Feb. '82 vs. Year End '81
Integrateds	5,704	5,632	+162
Smelters	266	266r	—
Nonintegrated	820	810r	+ 13
TOTAL	6,790	6,708r	+175

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap. r—revised.

Imports and Exports
(Millions of Pounds)

		1982 February	1982 January	1981 February	% Change Latest Month 1982 vs. 1981
Imports	Mill Products	41.7	38.3	18.8	+121.8
	Ingot	131.8	76.6	111.4	+ 18.3
	TOTAL	173.5	114.9	130.2	+ 33.3
	Scrap (+ dross)	11.1	9.1	14.3	- 22.4
Exports	Mill Products	47.3	44.2	66.5	— 28.9
	Ingot	37.5	44.2	46.3	— 19.0
	TOTAL	84.8	88.4	112.8	— 24.8
	Scrap	36.8	37.7	45.8	— 19.7
Net Imports		+63.0	(2.1)	(14.1)	+446.8

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

A0400-1 5/21/82

May, 1982

Net Shipments Down 18.6 Per Cent

Net shipments of aluminum ingot and mill products in 3 months of 1982, at an estimated 2,842 million pounds were 18.6% less than shipments of 3,493 million pounds for 3 months of 1981.

Domestic shipments totalled 2,525 million pounds for 3 months of 1982, representing a decline of 17.1% from the 3,045 million pounds shipped in 3 months of 1981.

Exports of 318 million pounds were down 29.0% vs. 448 million pounds for 3 months of 1981.

Thru March, 1982

	3 Mos. 1982	3 Mos. 1981	% Change
Mill Products	2,391	2,742	−12.8
Ingot	451	751	−39.9
Total	2,842	3,493	−18.6
Less Exports	(318)	(448)	−29.0
Domestic Total	2,525	3,045	−17.1

Million of Pounds

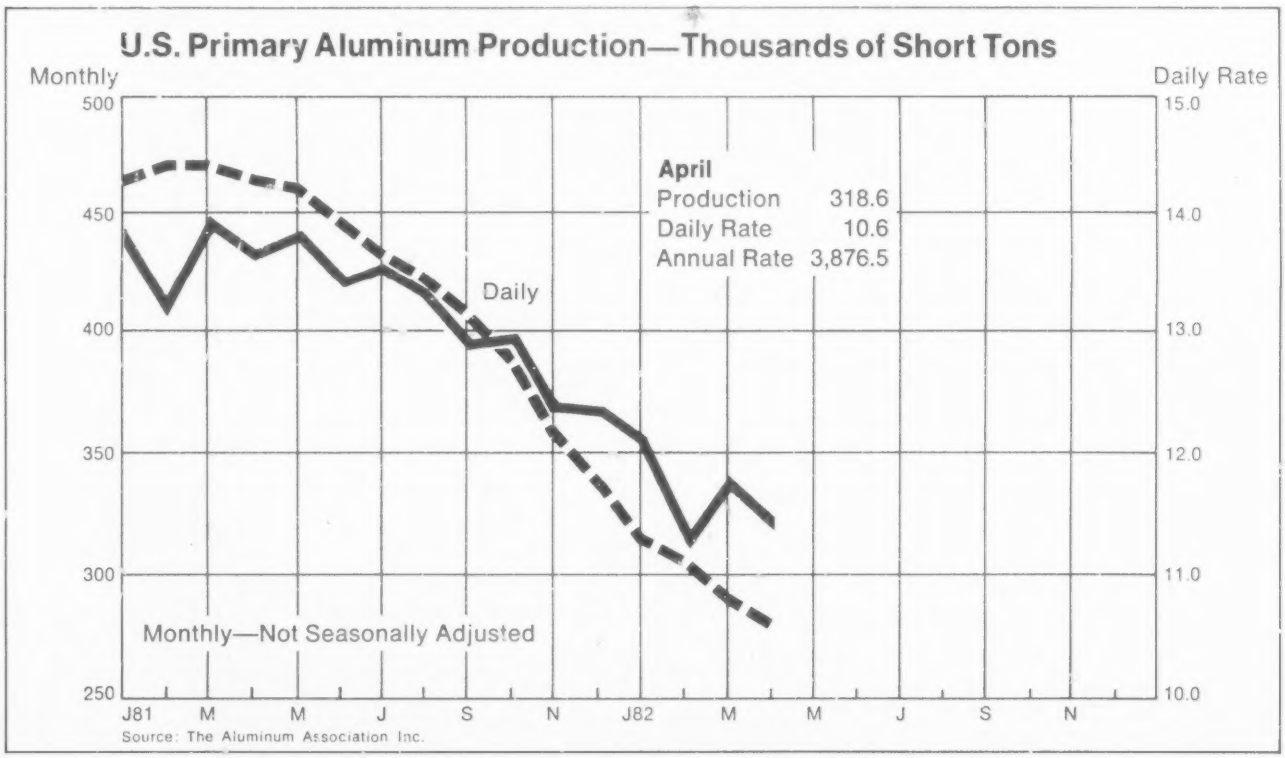
Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

Primary Production Rate Down 26.1 Per Cent

U.S. primary aluminum production averaged 10,621 short tons daily during April, 1982 compared with an average 14,373 tons a day in April, 1981.

The annual rate of production April, 1982 was 3,876,525 tons, compared to 5,246,127 tons in April, 1981. The March, 1982 production rate was 3,959,373 tons.

Actual production in April, 1982 was 318,619 tons. This compares with 431,189 tons in April, 1981 and 336,276 tons in March, 1982.



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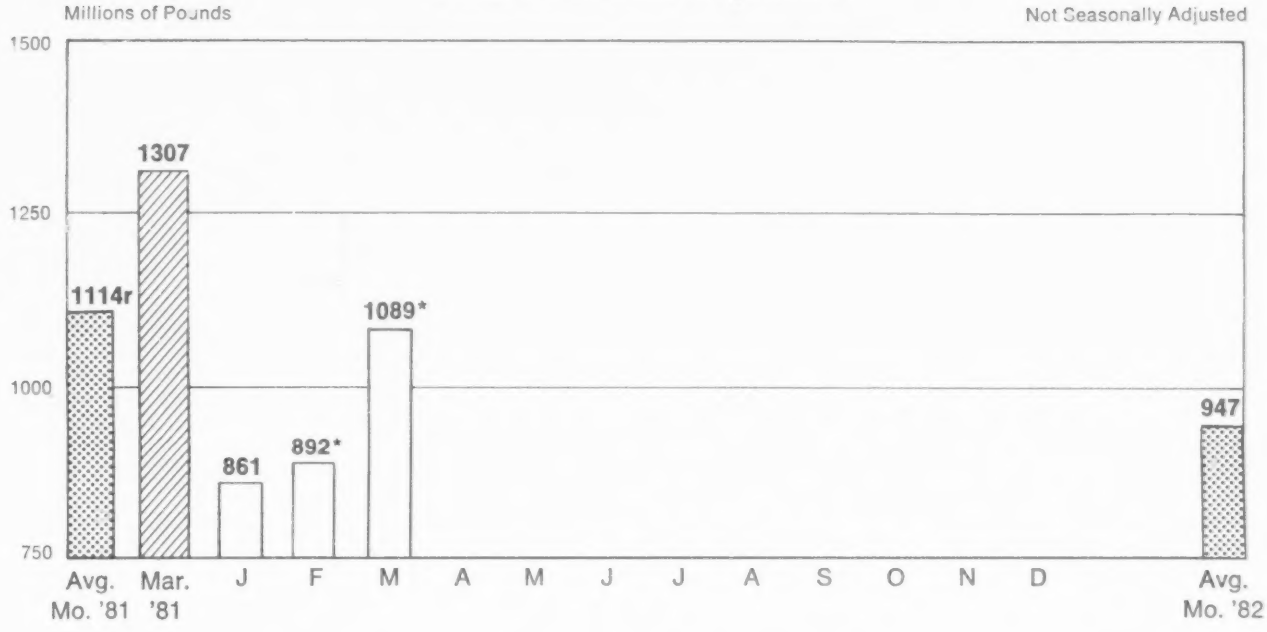
Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

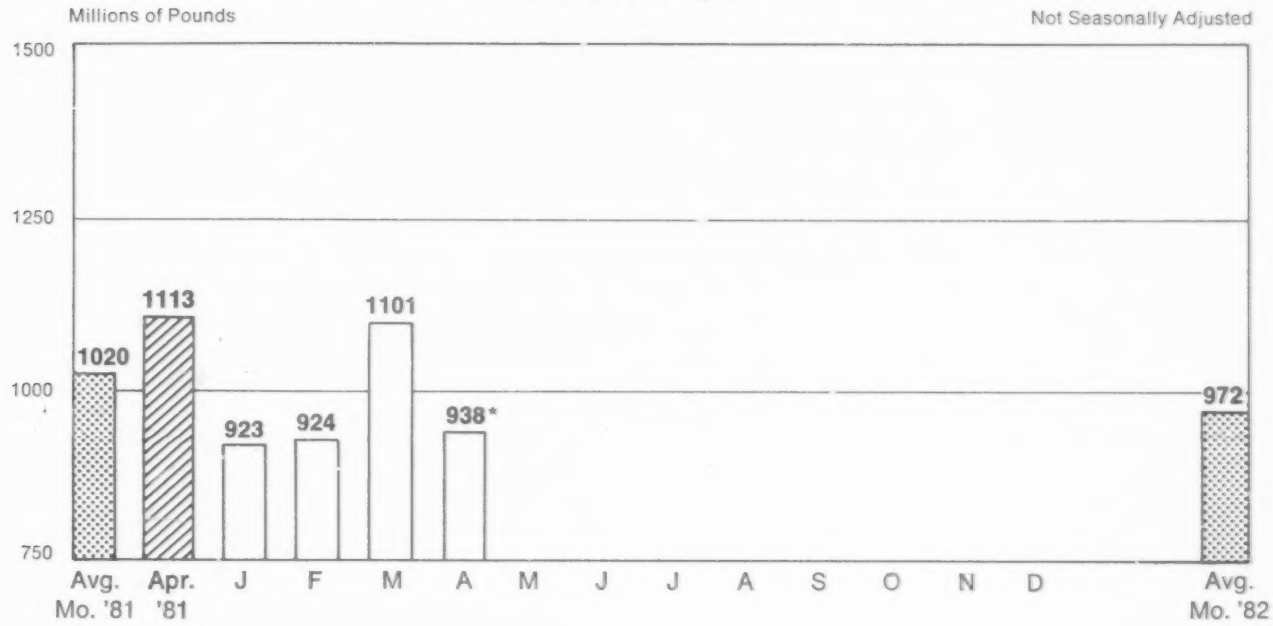
	1982 March*	1982 February*	1981 March	% Change Latest Month 1982 vs. 1981
Sheet & Plate	471.0	431.0	561.8	− 16.2
Foil	69.0	60.0	77.7	− 11.2
Rod, Bar & Wire	28.0	22.0	34.6	− 19.1
Electrical Conductor	60.0	53.0	64.5	− 7.0
Extruded Products	163.0	153.0	186.3	− 12.5
Welded Tube	5.0	5.0	14.2	− 64.8
Powder & Pigments	10.0	8.0	9.6	+ 4.2
Forgings & Impacts	9.0	8.0	14.0	− 35.7
Net Imports of Mill Products (Total) (a)	34.0	35.0	13.2	+157.6
Total Mill Products	849.0	775.0	975.9	− 13.0
Ingot	240.0(b)	117.0	331.0	− 27.5
TOTAL INDUSTRY SHIPMENTS	1,089.0	892.0	1,306.9	− 16.7
Exports	(144.3)	(84.8)	(144.3)	—
TOTAL DOMESTIC SHIPMENTS	944.7	807.2	1,162.6	− 18.7

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

March Net Shipments Down 16.7 Per Cent

Total March, 1982 net shipments of 1,089 million pounds were down an estimated 16.7% vs. March 1981 but up 22.1% vs. February 1982. Domestic shipments were 18.7% below a year ago.

Order Receipts



Order Receipts
(Millions of Pounds)

	1982 April*	1982 March	1981 April	% Change Latest Month 1982 vs. 1981
Can Stock	228.1	311.2	207.8	+ 9.8
Sheet & Plate, Other	223.6	206.2	263.7	−15.2
Foil	55.7	67.0	70.0	−20.4
Rod, Bar & Wire	13.3	19.6	18.4	−27.7
Electrical Conductor	41.0	49.4	52.7	−22.2
Extruded Products	140.5	155.0	200.7	−30.0
Primary Ingot	38.0	23.0	34.2	+11.1
Other (Including Secondary Ingot)	146.0	164.7	173.2	−15.7
TOTAL DOMESTIC	886.2	996.1	1,020.7	−13.2
Exports	51.9	105.1	92.2	−43.7
TOTAL ALL PRODUCTS	938.1	1,101.2	1,112.9	−15.7

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* Latest month.
r-revised.

April Orders Down 15.7% vs. April, 1981

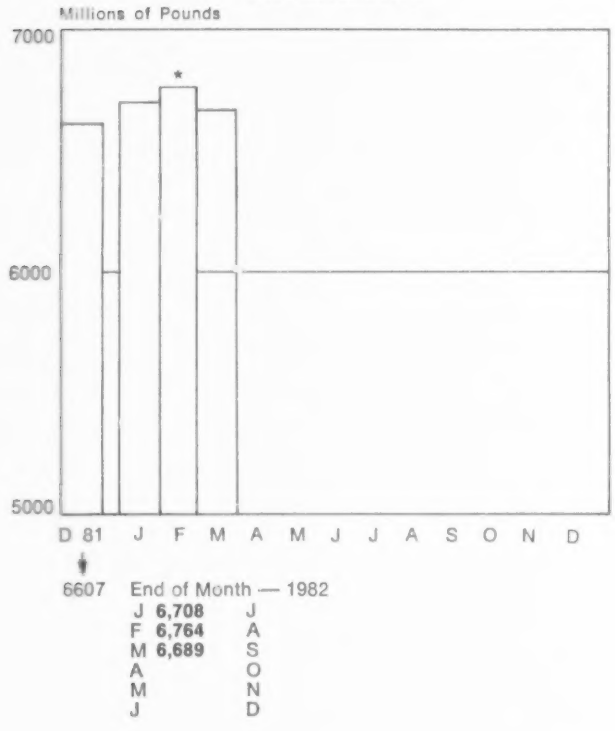
April, 1982 order receipts at 938 million pounds were down 15.7% vs. April, 1981 orders of 1,113 million pounds. Domestic orders were down 13.2% from April, 1981.

Producers Stocks Down 75 Million Pounds

Producer inventories decreased an estimated 75 million pounds in March, 1982 from an estimated 6,764 million pounds in February to an estimated 6,689 million pounds.

Integrated producer stocks declined 67 million pounds. Secondary smelters' and nonintegrateds' stocks together fell an estimated 8 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Mar. '82 *	Feb. '82 *	Mar. '82 vs. Year End '81
Integrateds	5,637	5,704	+95
Smelters	240	240r	−26
Nonintegrated	812	820	+ 5
TOTAL	6,689	6,764r	+74

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1982 March	1982 February	1981 March	% Change Latest Month 1982 vs. 1981
Imports	Mill Products	45.7	41.7	17.4	+162.6
	Ingot	123.4	131.8	171.2	− 27.9
	TOTAL	169.1	173.5	188.6	− 10.3
	Scrap (+ dross)	10.7	11.1	21.2	− 49.5
Exports	Mill Products	52.4	47.3	78.5	− 33.2
	Ingot	91.9	37.5	65.9	+ 39.5
	TOTAL	144.3	84.8	144.4	− 0.1
	Scrap	33.9	36.8	47.4	− 28.5
Net Imports		+1.6	+63.0	+17.7	− 91.0

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

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Economic Affairs Department 202-862-5100

A0400-1 6/25/82

June, 1982

Net Shipments down 17.2 Per Cent

Net shipments of aluminum ingot and mill products in 4 months of 1982, at an estimated 3,899 million pounds were 17.2% less than shipments of 4,711 million pounds for 4 months of 1981.

Domestic shipments totalled 3,493 million pounds for 4 months of 1982, representing a decline of 14.7% from the 4,096 million pounds shipped in 4 months of 1981.

Exports of 406 million pounds were down 34.0% vs. 615 million pounds for 4 months of 1981.

Thru April, 1982

	4 Mos. 1982	4 Mos. 1981	% Change
Mill Products	3,196	3,713	−13.9
Ingot	703	998	−29.6
Total	3,899	4,711	−17.2
Less Exports	(406)	(615)	−34.0
Domestic Total	3,493	4,096	−14.7

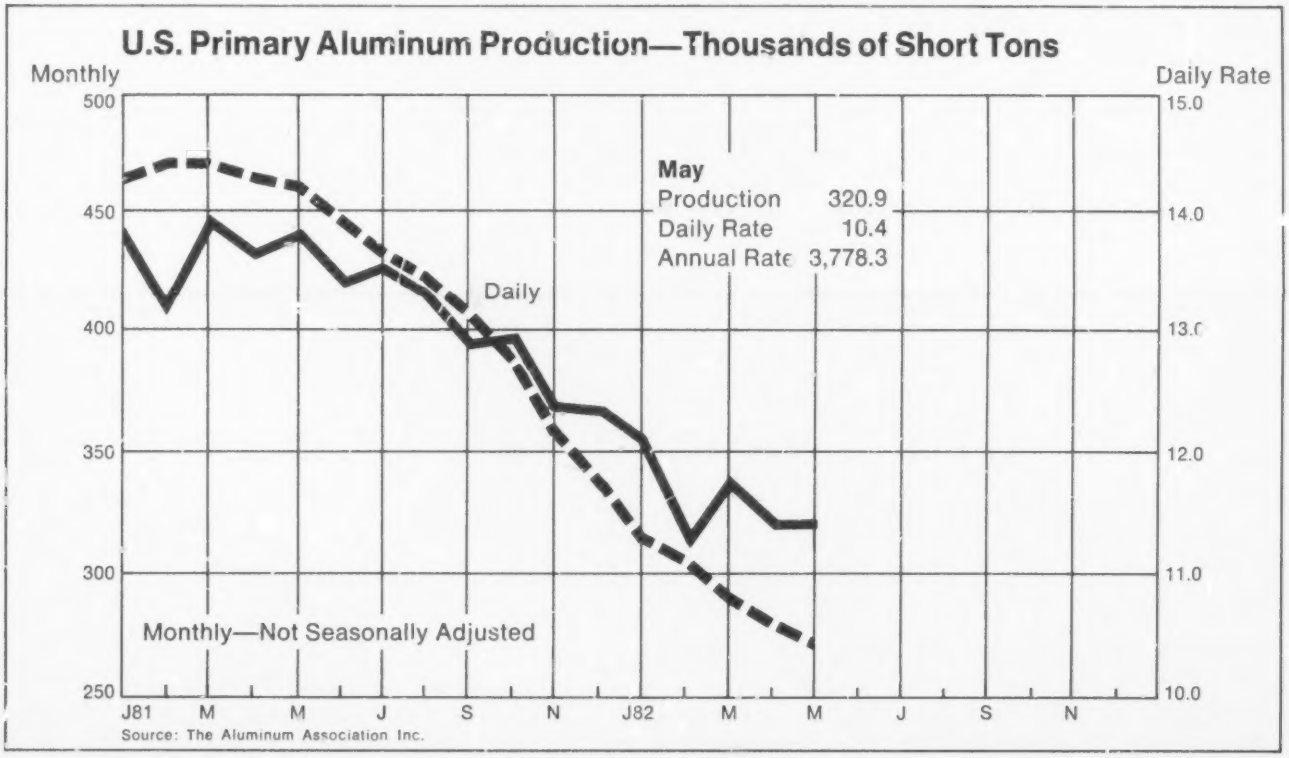
Million of Founds
Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

Primary Production Rate Down 27.3 Per Cent

U.S. primary aluminum production averaged 10,352 short tons daily during May, 1982, compared with an average 14,237 tons a day in May, 1981.

The annual rate of production in May, 1982 was 3,778,298 tons, compared to 5,196,611 tons in May, 1981. The April, 1982 production rate was 3,876,525 tons.

Actual production in May, 1982 was 320,897 tons. This compares with 441,356 in May, 1981 and 318,619 tons in April, 1982.



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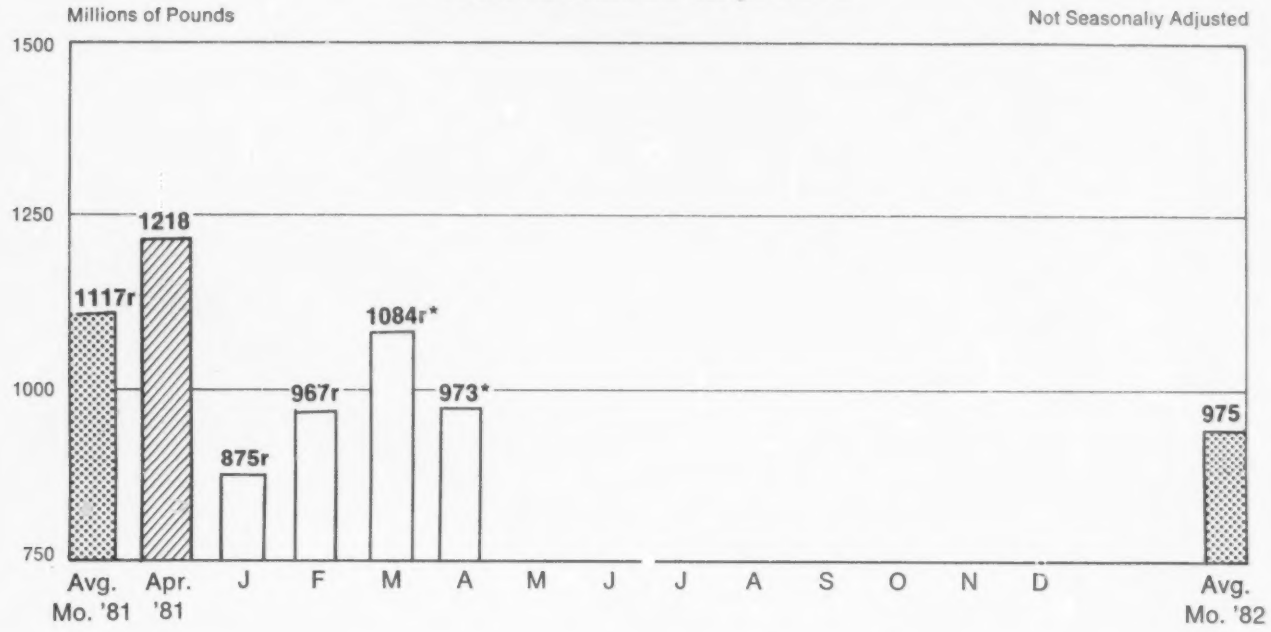
Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

	1982 April*	1982 March*	1981 April	% Change Latest Month 1982 v. 1981
Sheet & Plate	448.0	471.0	549.5	−16.5
Foil	62.0	69.0	77.0	−19.5
Rod, Bar & Wire	21.0	23.0r	31.7	−33.8
Electrical Conductor	59.0	60.0	64.6	− 8.7
Extruded Products	170.0	163.0	192.0	−11.5
Welded Tube	5.0	5.0	12.8	−60.9
Powder & Pigments	7.0	10.0	9.9	−29.3
Forgings & Impacts	9.0	9.0	14.7	−38.8
Net Imports of Mill Products (Total) (a)	27.0	34.0	18.5	+45.9
Total Mill Products	808.0	844.0r	970.7	−16.8
Ingot	165.0(b)	240.0(b)	246.9	−33.2
TOTAL INDUSTRY SHIPMENTS	973.0	1,084.0r	1,217.6	−20.1
Exports	(88.5)	(144.3)	(167.1)	−47.0
TOTAL DOMESTIC SHIPMENTS	884.5	939.7r	1,050.5	−15.8

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
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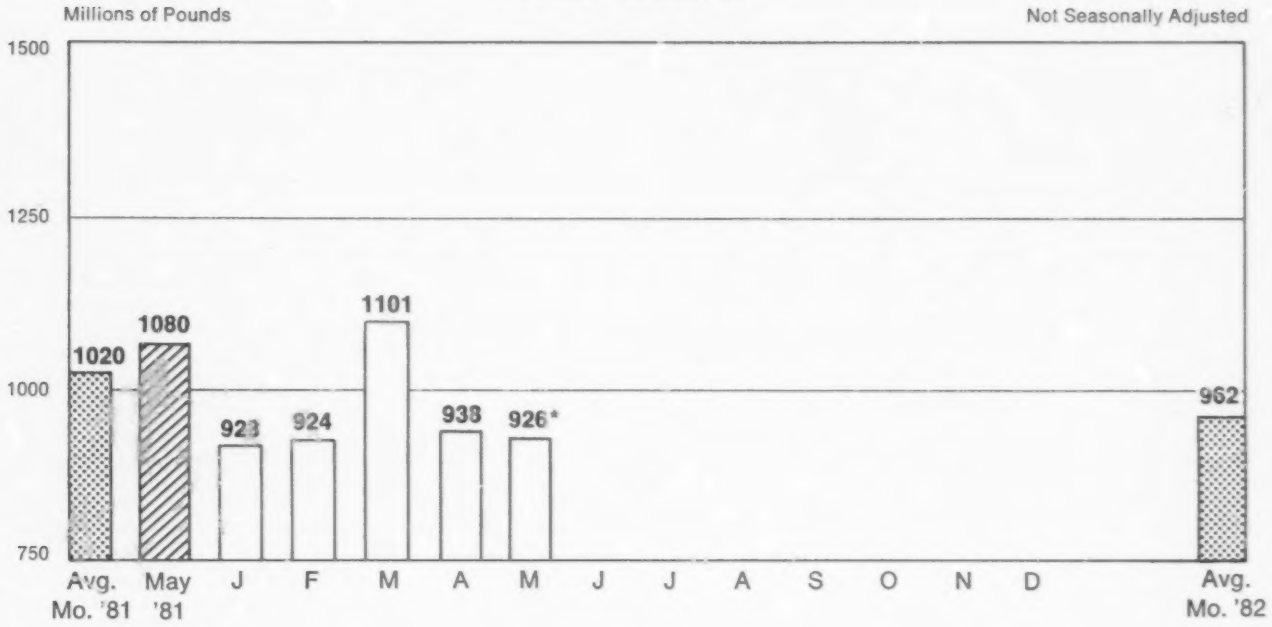
r-revised.

April Net Shipments Down 20.1 Per Cent

Total April, 1982 net shipments of 973 million pounds were down an estimated 20.1% vs. April, 1981. Domestic shipments were down an estimated 15.8% vs. a year ago.

Order Receipts



Order Receipts
(Millions of Pounds)

	1982 May *	1982 April	1981 May	% Change Latest Month 1982 v. 1981
Can Stock	208.9	228.1	256.8	−18.7
Sheet & Plate, Other	224.3	223.6	259.0	−13.4
Foil	65.0	55.7	68.3	− 4.8
Rod, Bar & Wire	15.7	13.3	16.3	− 3.7
Electrical Conductor	35.4	41.0	46.4	−23.7
Extruded Products	139.4	140.5	157.0	−11.2
Primary Ingot	39.7	38.0	30.2	+31.5
Other (Including Secondary Ingot)	95.8	146.0	165.8	−42.2
TOTAL DOMESTIC	824.2	886.2	1,000.3	−17.6
Exports	101.5	51.9	79.7	+27.4
TOTAL ALL PRODUCTS	925.7	938.1	1,080.0	−14.3

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

May Orders Down 14.3 Per Cent vs. May, 1981

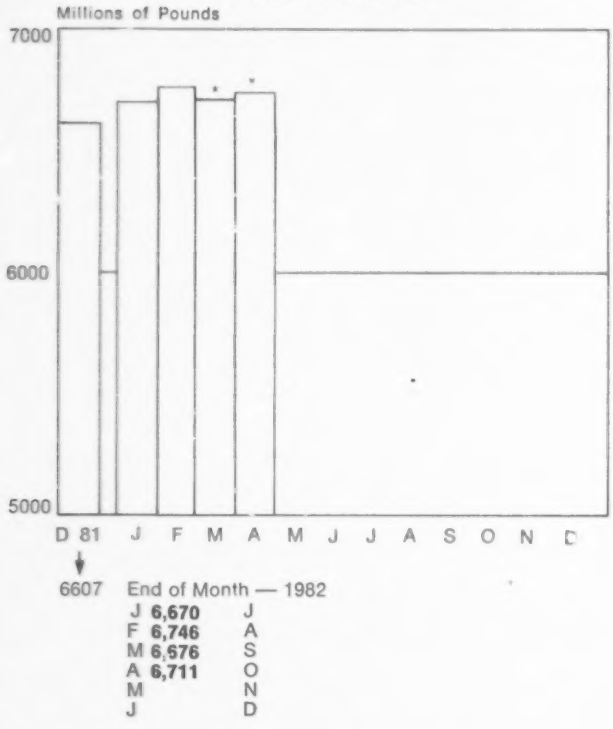
May, 1982 order receipts at 926 million were down 14.3% vs. May, 1981 orders of 1,080 million pounds. Domestic orders were down 17.6%.

Producers Stocks Up 35 Million Pounds

Producer inventories increased an estimated 35 million pounds in April, 1982 from an estimated 6,676 million pounds in March to an estimated 6,711 million pounds.

Integrated producer stocks increased 28 million pounds. Nonintegrateds' stocks went up an estimated 7 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Apr. '82*	Mar. '82*	Apr. '82 vs. Year End '81
Integrateds	5,664	5,636	+122
Smelters	240	240	− 27
Nonintegrated	807	800	+ 9
TOTAL	6,711	6,676	+104

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1982 April	1982 March	1981 April	% Change Latest Month 1982 v. 1981
Imports	Mill Products	30.3	45.8r	25.8	+17.4
	Ingot	125.4	123.4	104.0	+20.6
	TOTAL	155.7	169.2r	129.8	+20.0
	Scrap (+ dross)	10.4	10.6r	14.9	−30.2
Exports	Mill Products	35.3	52.4	69.8	−49.4
	Ingot	53.2	91.9	97.3	−45.3
	TOTAL	88.5	144.3	167.1	−47.0
	Scrap	34.8	33.9	48.3	−28.0
Net Imports		+42.8	+1.6	(70.7)	+160.5

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

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Economic Affairs Department 202-862-5100

A0400-1 8/10/82 July, 1982

Net Shipments Down 16.5 Per Cent

Net shipments of aluminum ingot and mill products in 5 months of 1982, at an estimated 4,947 million pounds were 16.5% less than shipments of 5,922 million pounds for 5 months of 1981.

Domestic shipments totalled 4,461 million pounds for 5 months of 1982, representing a decline of 13.8% from the 5,177 million pounds shipped in 5 months of 1981.

Exports of 486 million pounds were down 34.8% vs. 745 million pounds for 5 months of 1981.

Thru May, 1982

	5 Mos. 1982	5 Mos. 1981	Change %
Mill Products	4,019	4,664	−13.8
Ingot	928	1,258	−26.2
Total	4,947	5,922	−16.5
Less Exports	(486)	(745)	−34.8
Domestic Total	4,461	5,177	−13.8

Million of Pounds

Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

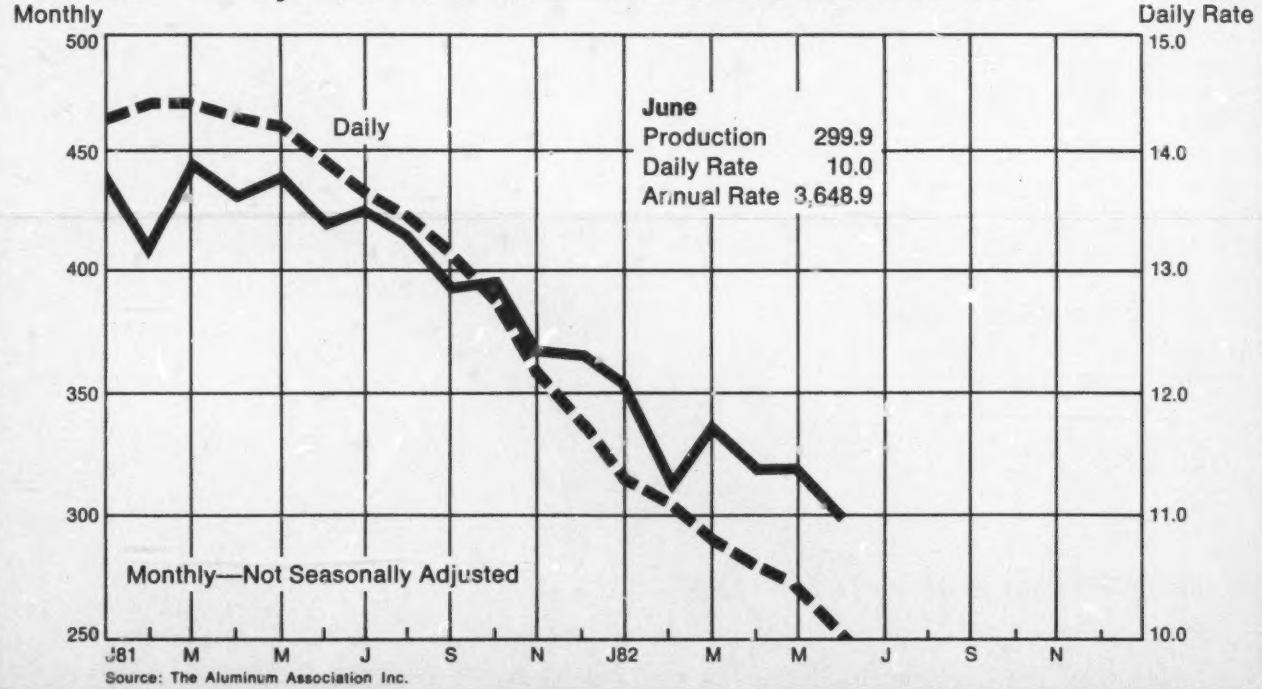
Primary Production Rate Down 28.6 Per Cent

U.S. primary aluminum production averaged 9,997 short tons daily during June, 1982, compared with an average 13,993 tons a day in June, 1981.

The annual rate of production in June, 1982 was 3,648,948 tons, compared to 5,107,585 tons in June, 1981. The May, 1982 production rate was 3,778,298 tons.

Actual production in the first half of 1982 was 1,936,659 tons, down 25.2% from 2,589,053 tons for the first half of 1981.

U.S. Primary Aluminum Production—Thousands of Short Tons



Source: The Aluminum Association Inc.

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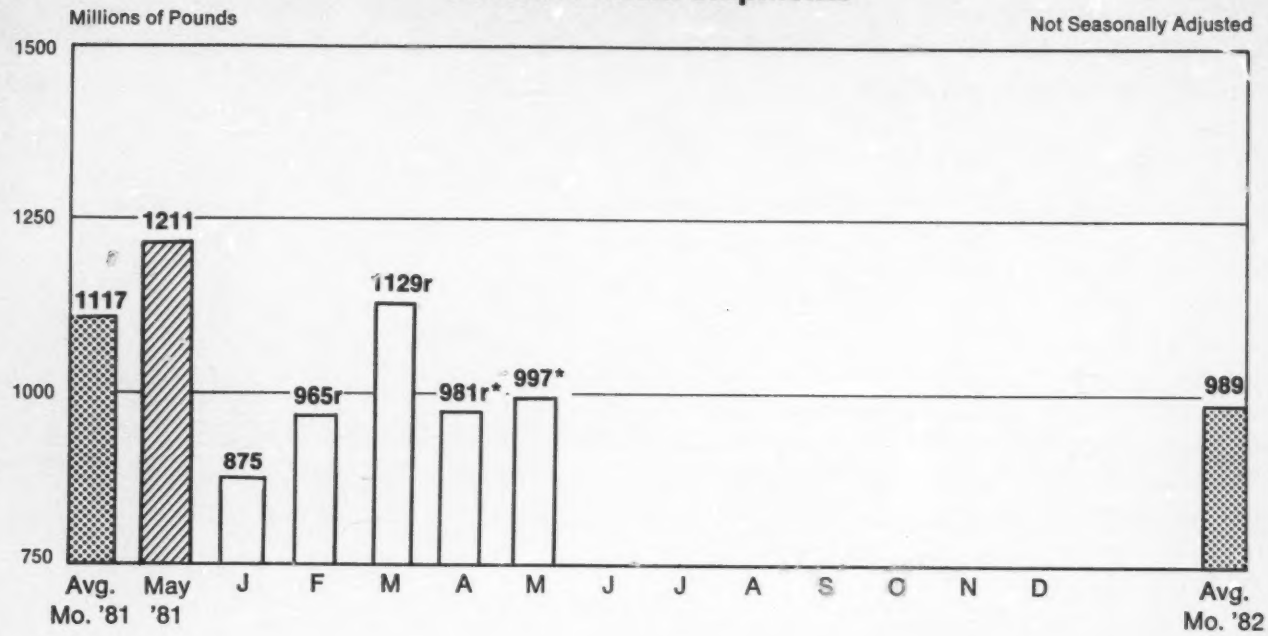
Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

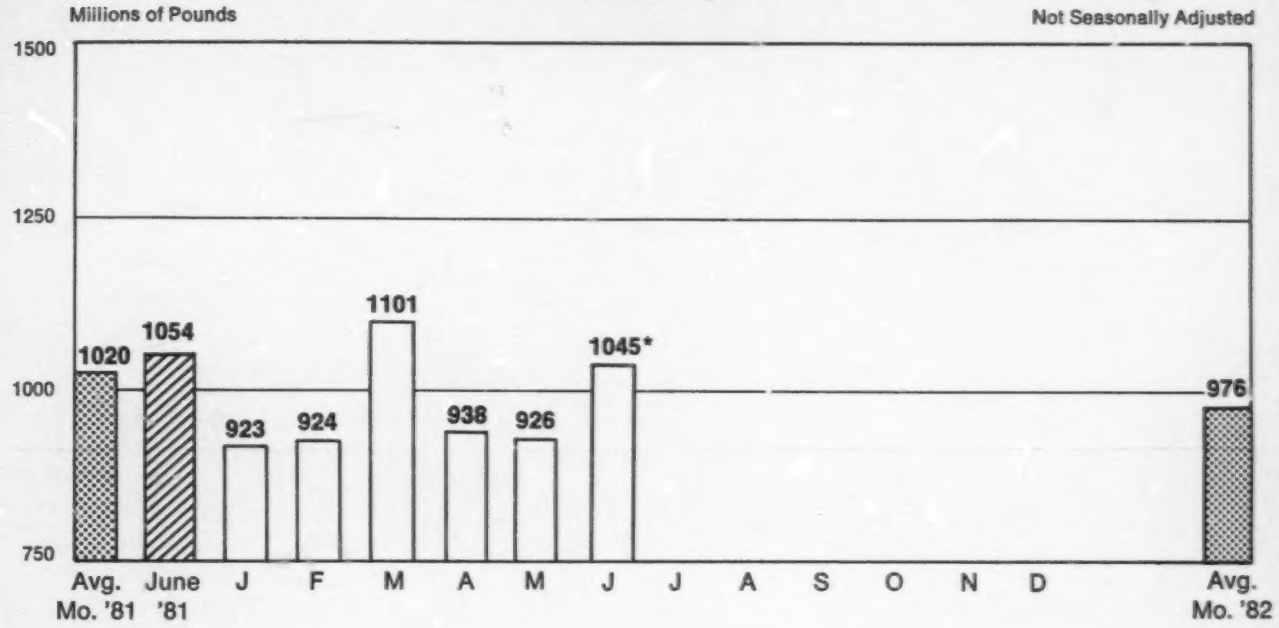
	1982 May*	1982 April*	1981 May	% Change Latest Month 1982 v. 1981
Sheet & Plate	434.0	448.0	541.2	−19.8
Foil	60.0	62.0	74.9	−19.9
Rod, Bar & Wire	20.0	21.0	27.1	−26.2
Electrical Conductor	56.0	59.0	62.0	−9.7
Extruded Products	172.0	170.0	186.5	−7.8
Welded Tube	3.0	5.0	14.3	−79.0
Powder & Pigments	5.0	7.0	10.7	−53.3
Forgings & Impacts	9.0	9.0	12.6	−28.6
Net Imports of Mill Products (Total) (a)	38.0	27.0	21.8	+74.3
Total Mill Products	797.0	808.0	951.1	−16.2
Ingot	200.0(b)	173.0r(b)	260.1	−23.1
TOTAL INDUSTRY SHIPMENTS	997.0	981.0r	1,211.2	−17.7
Exports	(80.0)	(88.5)	(130.0)	−38.5
TOTAL DOMESTIC SHIPMENTS	917.0	892.5r	1,081.2	−15.2

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised.

May Net Shipments Down 17.7 Per Cent

Total May, 1982 net shipments of 997 million pounds were down an estimated 17.7% vs. May, 1981. Domestic shipments were down an estimated 15.2% vs. a year ago.

Order Receipts



Order Receipts
(Millions of Pounds)

	1982 June*	1982 May	1981 June	% Change Latest Month 1982 vs. 1981
Can Stock	290.5	208.9	196.1	+48.1
Sheet & Plate, Other	239.7	224.3	244.8	−2.1
Foil	71.0	65.0	81.5	−12.9
Rod, Bar & Wire	21.3	15.7	20.2	+5.4
Electrical Conductor	41.9	35.4	51.5	−18.6
Extruded Products	156.0	139.4	149.7	+4.2
Primary Ingot	30.3	39.7	30.0	+1.0
Other (Including Secondary Ingot)	138.2	95.8	189.8	−27.2
TOTAL DOMESTIC	988.9	824.2	963.6	+2.6
Exports	56.5	101.5	90.6	−37.6
TOTAL ALL PRODUCTS	1,045.4	925.7	1,054.2	−0.8

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

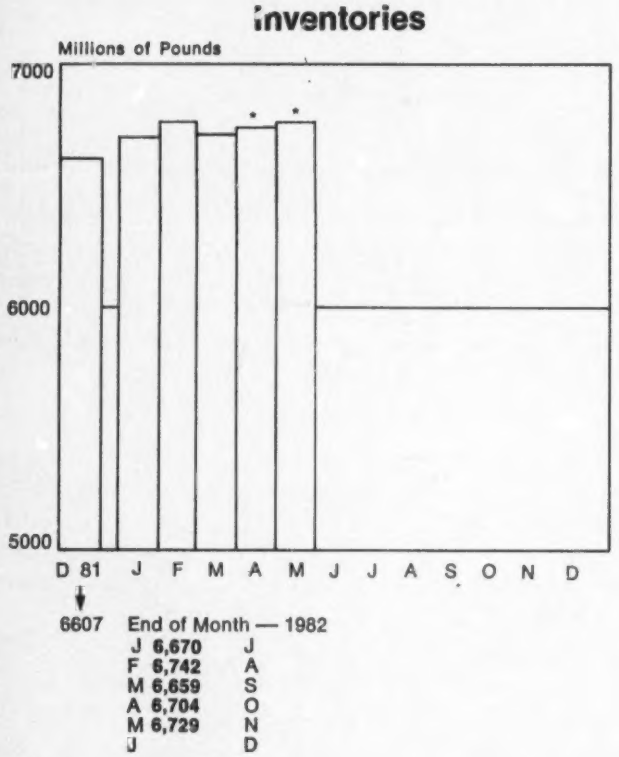
* Latest month.
r-revised.

June Orders About Equal to Year Ago

June, 1982 order receipts at 1,045 million pounds were down less than one percent from June, 1981 orders of 1,054 million pounds. Domestic orders were 2.6% better than June, 1981.

Producers Stocks Increase Slightly

Producer inventories increased an estimated 25 million pounds in May, 1982 from an estimated 6,704 million pounds in April to an estimated 6,729 million pounds. Integrated producers accounted for the whole change.



Producers Inventories
(Millions of Pounds)

Producers	May '82*	Apr. '82*	May '82 vs. Year End '81
Integrateds	5,689	5,664	+147
Smelters	240	240	−27
Nonintegrated	800	800 r	+2
TOTAL	6,729	6,704r	+122

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap. r-revised.

Imports and Exports
(Millions of Pounds)

		1982 May	1982 April	1981 May	% Change Latest Month 1982 v. 1981
Imports	Mill Products	40.9	30.3	29.3	+39.6
	Ingot	81.9	125.4	135.5	−39.6
	TOTAL	122.8	155.7	164.8	−25.5
	Scrap (+ dross)	13.5	10.4	12.3	+9.8
Exports	Mill Products	40.1	35.3	71.3	−43.8
	Ingot	39.9	53.2	58.7	−32.0
	TOTAL	80.0	88.5	130.0	−38.5
	Scrap	34.3	34.8	39.7	−13.6
Net Imports		+22.0	+42.8	+7.4	+197.3

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

AO400-1 9/7/82 **August, 1982**

Net Shipments Down 14.0 Per Cent

Net shipments of aluminum ingot and mill products in 6 months of 1982, at an estimated 6,175 million pounds were 14.0% less than shipments of 7,183 million pounds for 6 months of 1981.

Domestic shipments totalled 5,546 million pounds for 6 months of 1982, representing a decline of 12.4% from the 6,331 million pounds shipped in 6 months of 1981.

Exports of 629 million pounds were down 26.2% vs. 852 million pounds for 6 months of 1981.

Thru June, 1982

	6 Mos. 1982	6 Mos. 1981	Change %
Mill Products	4,879	5,633	−13.4
Ingot	1,296	1,550	−16.4
Total	6,175	7,183	−14.0
Less Exports	(629)	(852)	−26.2
Domestic Total	5,546	6,331	−12.4

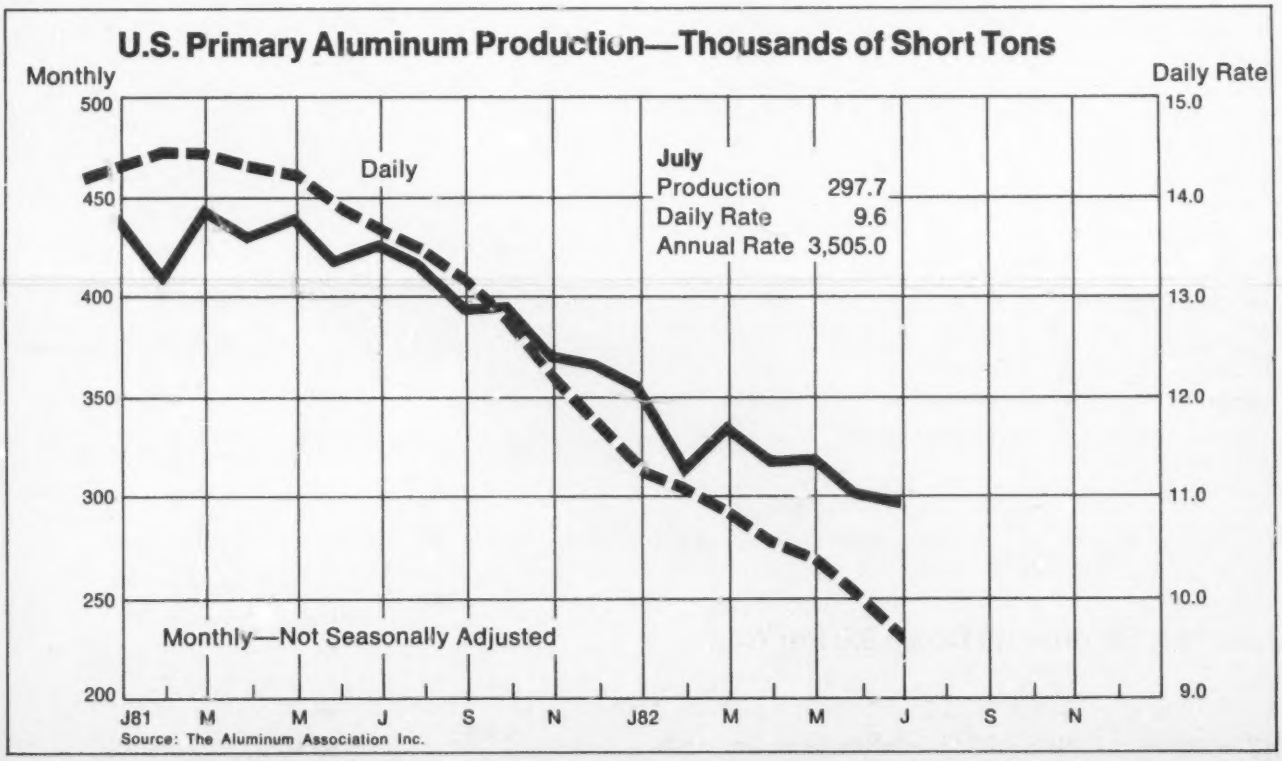
Million of Pounds
Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

Primary Production Rate Down 30.1 Per Cent

U.S. primary aluminum production averaged 9,603 short tons daily during July, 1982, compared with an average 13,730 tons a day in July, 1981.

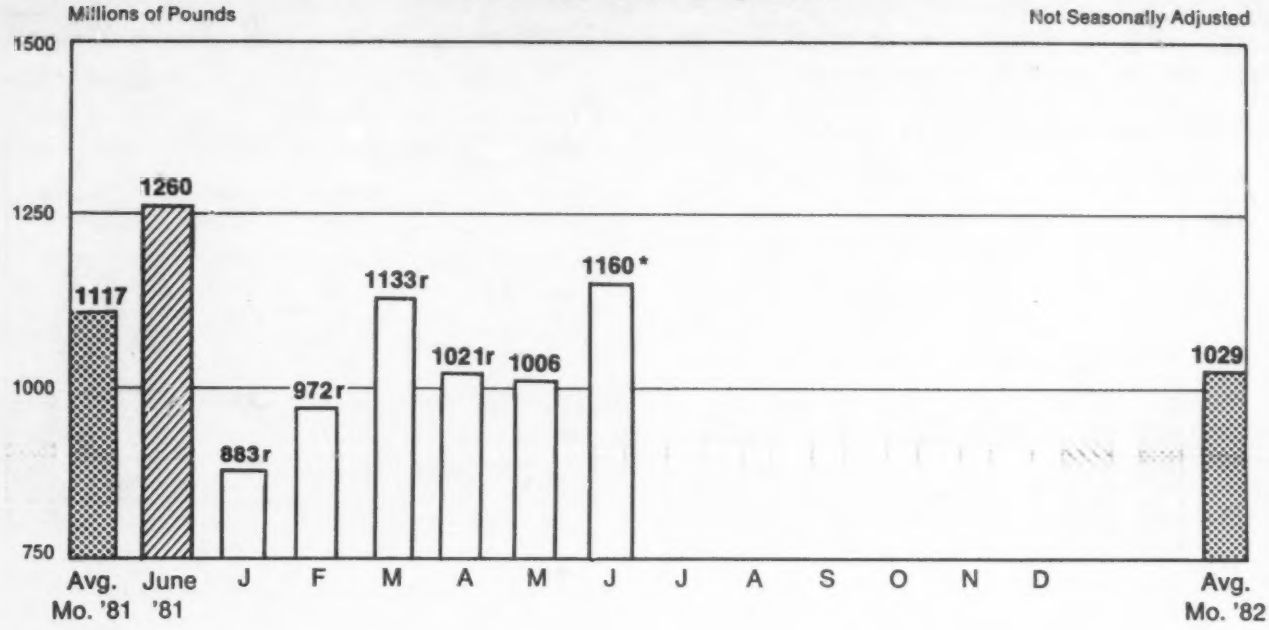
The annual rate of production in July, 1982 was 3,504,977 tons, compared to 5,011,268 tons in July, 1981. The June, 1982 production rate was 3,648,948 tons.

Actual production in July, 1982 was 297,683 tons. In June, 1982, it was 299,914 tons.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

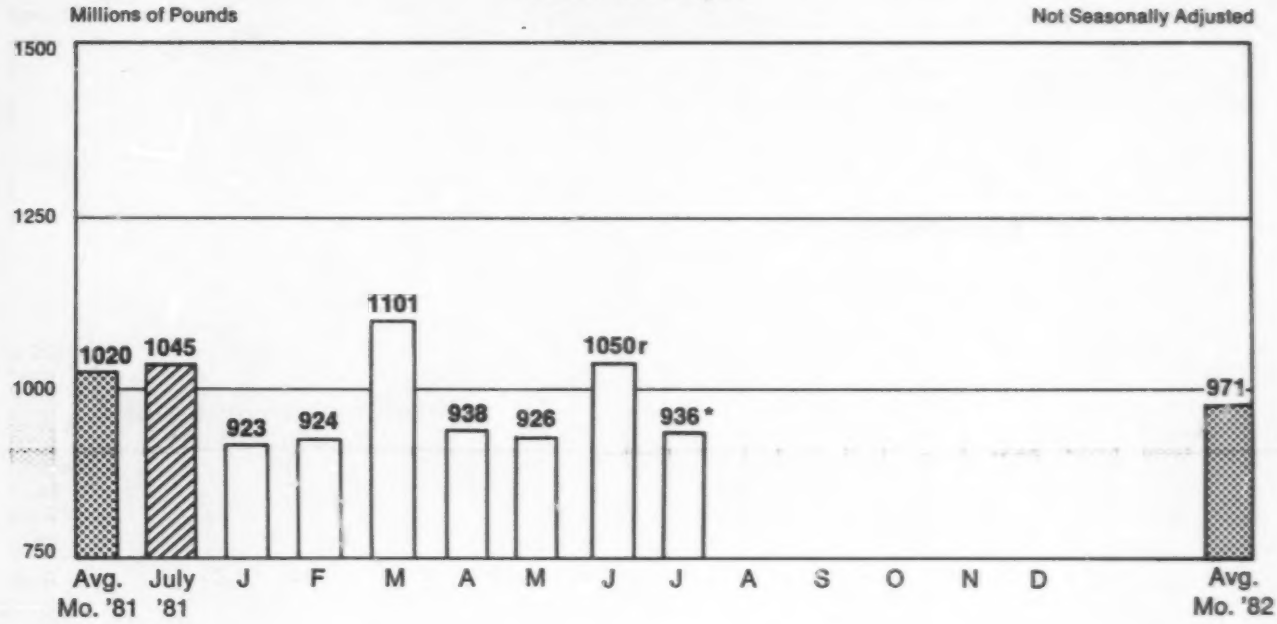
	1982 June *	1982 May	1981 June	% Change Latest Month 1982 v. 1981
Sheet & Plate	498.0	441.2	563.6	−11.6
Foil	65.0	60.2	73.5	−11.6
Rod, Bar & Wire	19.0	18.6	28.3	−32.9
Electrical Conductor	56.0	54.8	67.1	−16.5
Extruded Products	173.0	168.6	188.3	−8.1
Welded Tube	4.0	4.0	14.9	−73.2
Powder & Pigments	6.0	6.1	9.1	−34.1
Forgings & Impacts	10.0	9.3	11.9	−16.0
Net Imports of Mill Products (Total) (a)	29.0	35.1	12.6	+130.2
Total Mill Products	860.0	797.9	969.3	−11.3
Ingot	300.0(b)	208.0(c)	291.1	+3.1
TOTAL INDUSTRY SHIPMENTS	1,160.0	1,005.9	1,260.4	−8.0
Exports	(143.4)	(80.0)	(106.8)	+34.3
TOTAL DOMESTIC SHIPMENTS	1,016.6	925.9	1,153.6	−11.9

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
(c) Estimated—to be revised by Census.

June Net Shipments Down 8.0 Per Cent

Total June net shipments of 1,160 million pounds were down an estimated 8.0% from June, 1981. However, they represent a 15.3% increase over May, 1982 and are the highest monthly shipments since June, 1981.

Order Receipts



Order Receipts
(Millions of Pounds)

	1982 July*	1982 June	July 1981	% Change Latest Month 1982 vs. 1981
Can Stock	234.4	290.5	239.1	−2.0
Sheet & Plate, Other	227.0	240.4r	227.4	−0.2
Foil	63.6	71.4r	62.0	+2.6
Rod, Bar & Wire	13.8	21.5r	16.6	−16.9
Electrical Conductor	32.7	41.7r	46.0	−28.9
Extruded Products	128.8	156.0	167.4	−23.1
Primary Ingot	34.0	30.4r	26.0	+30.8
Other (Including Secondary Ingot)	145.9	138.2	179.2	−18.6
TOTAL DOMESTIC	880.2	990.1r	963.7	−8.7
Exports	56.0	60.0r	81.4	−31.2
TOTAL ALL PRODUCTS	936.2	1,050.1r	1,045.1	−10.4

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

July Orders Down 10.4 Per Cent From Year Ago

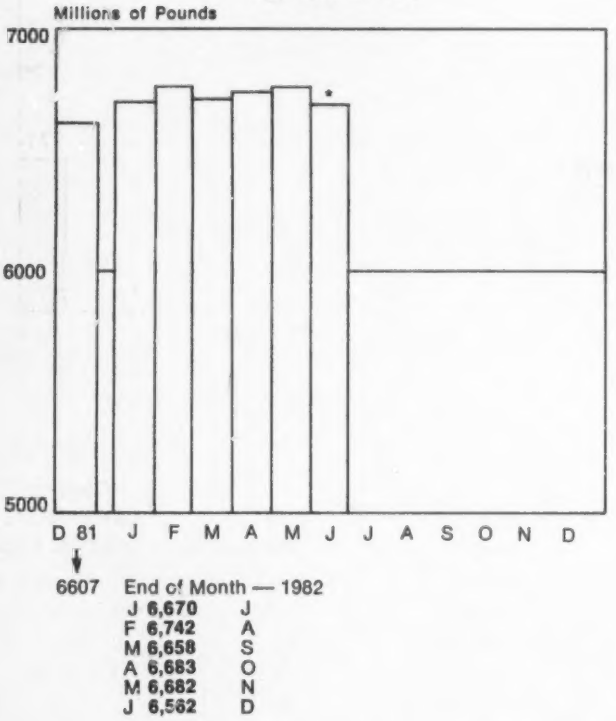
July, 1982 order receipts at 936 million pounds were down 10.4% from July, 1981 orders of 1,045 million pounds. Domestic orders were down an estimated 8.7%.

Producers Stocks Recede 120 Million Pounds

Producer inventories decreased an estimated 120 million pounds in June, 1982 from 6,682 million pounds in May to an estimated 6,562 million pounds.

Integrated producer stocks dropped 94 million pounds; secondary smelters held steady; and nonintegrateds' stocks dropped an estimated 26 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	June '82 *	May '82*	June '82 vs. Year End '81
Integrateds	5,596	5,690	+54
Smelters	216	216	−51
Nonintegrated	750	776	−48
TOTAL	6,562	6,682	−45

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap.

Imports and Exports
(Millions of Pounds)

		1982 June	1982 May	1981 June	% Change Latest Month 1982 v. 1981
Imports	Mill Products	33.6	41.5r	24.4	+37.7
	Ingot	132.8	102.2r	111.8	+18.8
	TOTAL	166.4	143.7r	136.2	+22.2
	Scrap (+ dross)	16.1	13.5	19.1	−15.7
Exports	Mill Products	46.5	40.1	59.8	−22.2
	Ingot	96.9	39.9	47.0	+106.2
	TOTAL	143.4	80.0	106.8	+34.3
	Scrap	40.8	34.3	27.7	+47.3
Net Imports		(1.7)	+42.9r	+20.8	−108.2

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.
r-revised.

The Aluminum Situation

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Economic Affairs Department 202-862-5100

AC400-1 11/4/82

September, 1982

Net Shipments Down 13.9 Per Cent

Net shipments of aluminum ingot and mill products in 7 months of 1982, at an estimated 7,131 million pounds were 13.9% less than shipments of 8,287 million pounds for 7 months of 1981.

Domestic shipments totaled 6,422 million pounds for 7 months of 1982, representing a decline of 12.5% from the 7,337 million pounds shipped in 7 months of 1981.

Exports of 709 million pounds were down 25.4% vs. 950 million pounds for 7 months of 1981.

Thru July, 1982

	7 Mos. 1982	7 Mos. 1981	Change %
Mill Products	5,650	6,513	−13.3
Ingot	1,481	1,774	−16.5
Total	7,131	8,287	−13.9
Less Exports	(709)	(950)	−25.4
Domestic Total	6,422	7,337	−12.5

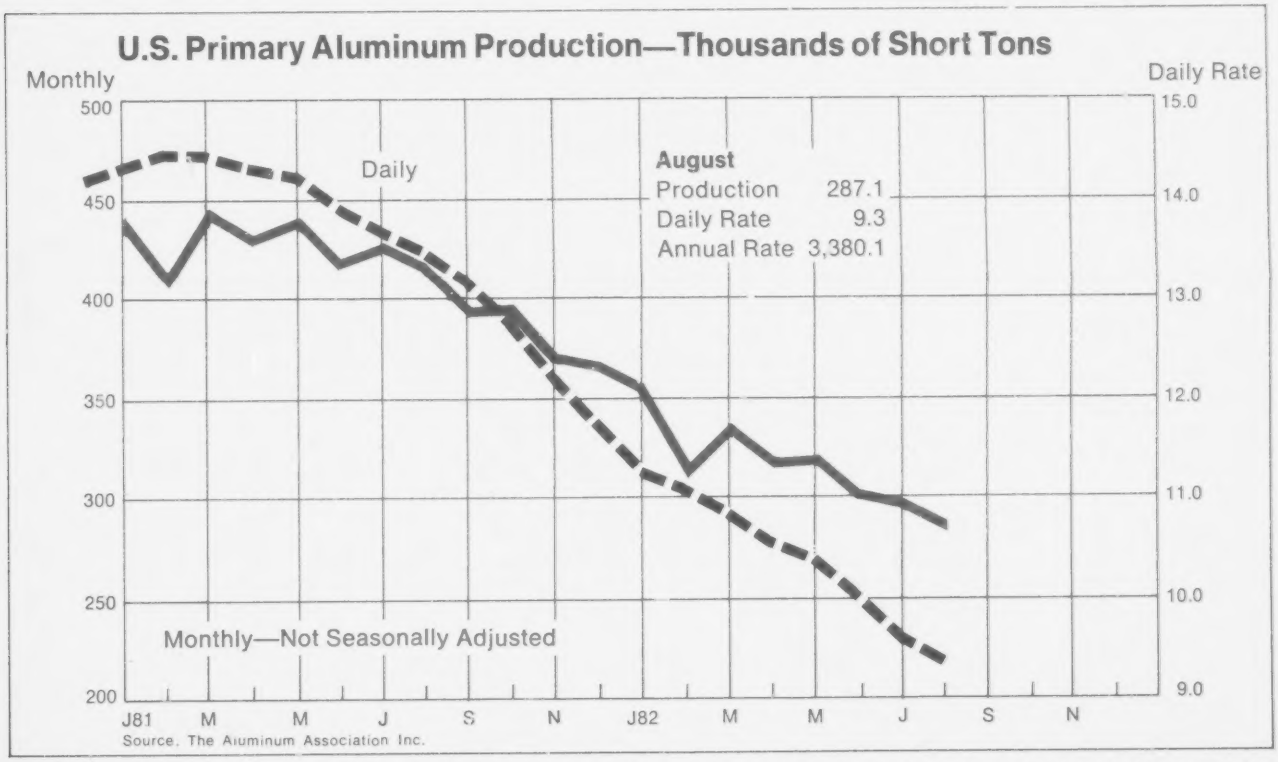
Million of Pounds
Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

Primary Production Rate Down 31.0 Per Cent

U.S. primary aluminum production averaged 9,261 short tons daily during August, 1982, compared with an average 13,424 tons a day in August, 1981.

The annual rate of production in August, 1982 was 3,380,100 tons, compared to 4,899,707 tons in August, 1981. The July, 1982 revised production rate was 3,496,770 tons.

Actual production in August, 1982 was 287,077 tons. The July, 1982 revised production was 296,986 tons.



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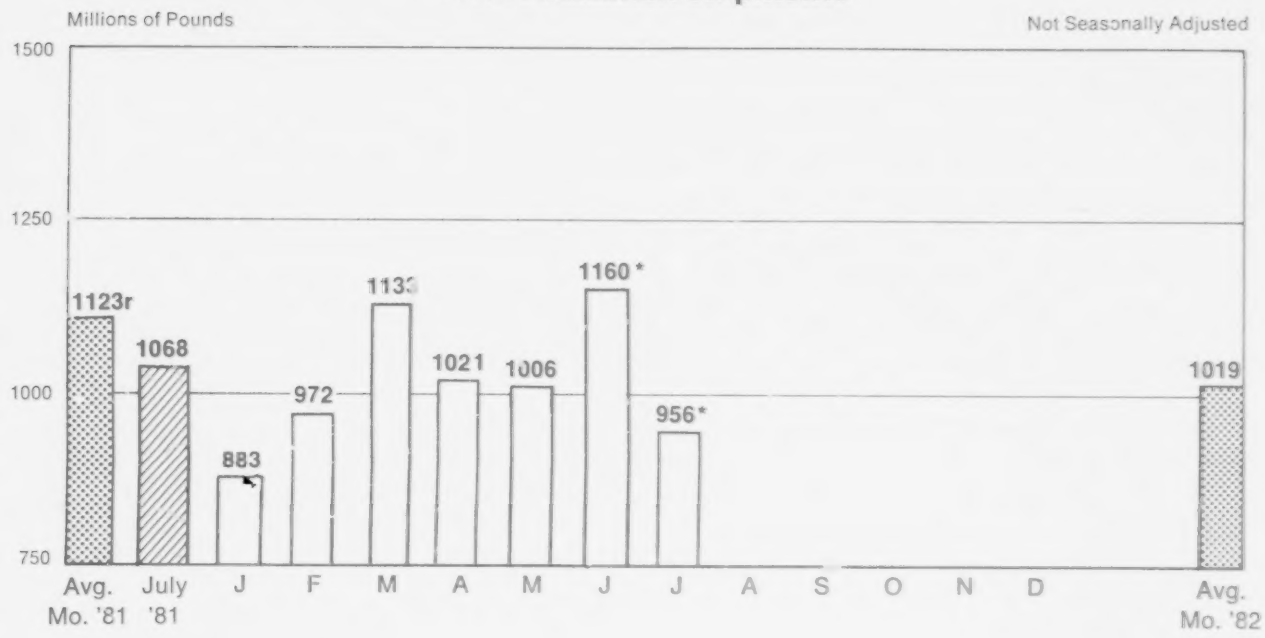
Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

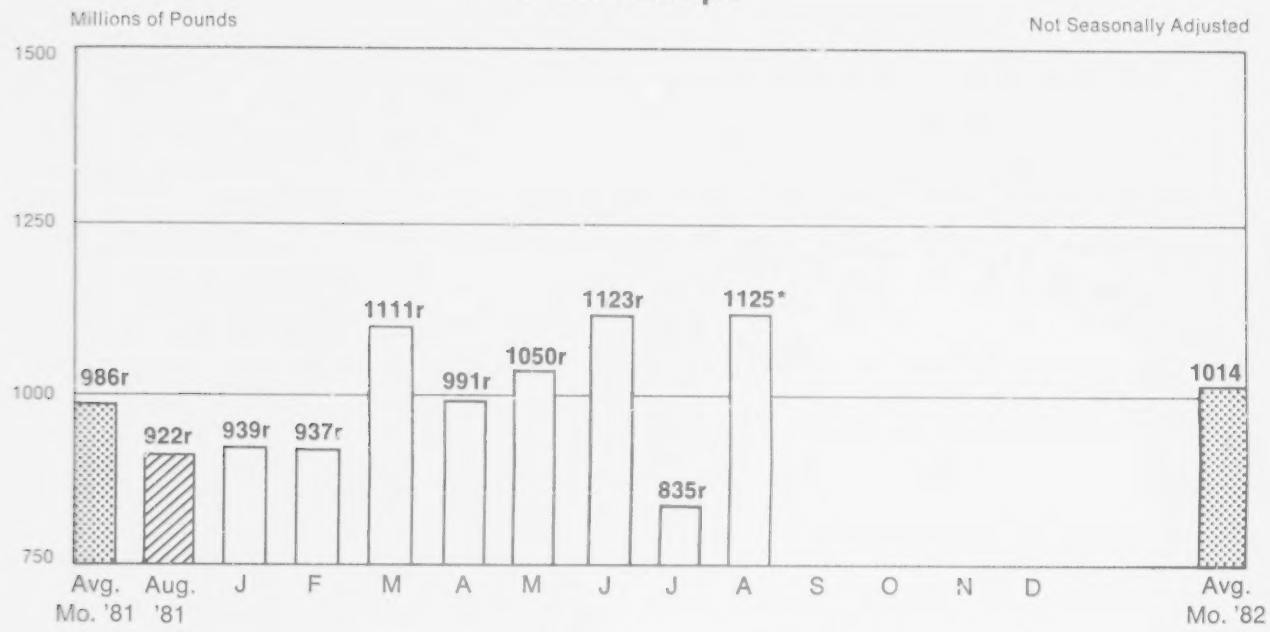
	1982 July *	1982 June*	1981 July	% Change Latest Month 1982 vs. 1981
Sheet & Plate	445.0	498.0	491.7	− 9.5
Foil	56.0	65.0	71.7	−21.9
Rod, Bar & Wire	16.0	19.0	22.1	−27.6
Electrical Conductor	48.0	56.0	56.0	−14.3
Extruded Products	157.0	173.0	180.7	−13.1
Welded Tube	4.0	4.0	13.4	−70.1
Powder & Pigments	8.0	6.0	9.9	−19.2
Forgings & Impacts	7.0	10.0	11.3	−38.1
Net Imports of Mill Products (Total) (a)	30.0	29.0	23.2	+29.3
Total Mill Products	771.0	860.0	880.0	−12.4
Ingot	185.0(b)	300.0(b)	187.8	− 1.5
TOTAL INDUSTRY SHIPMENTS	956.0	1,160.0	1,067.8	−10.5
Exports	(79.8)	(143.4)	(97.5)	−18.2
TOTAL DOMESTIC SHIPMENTS	876.2	1,016.6	970.3	− 9.7

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.

July Net Shipments Down 10.5 Per Cent vs. July, 1981

Total July net shipments of 956 million pounds were down an estimated 10.5% from July, 1981. Domestic shipments were down 9.7%.

Order Receipts



Order Receipts
(Millions of Pounds)

	1982 August*	1982 July	1981 August	% Change Latest Month 1982 vs. 1981
Can Stock	232.3	225.3	242.5	− 4.2
Sheet & Plate, Other	227.5	218.7	194.0	+17.3
Foil	64.1	59.5	63.7	+ 0.6
Rod, Bar & Wire	10.6	10.2	13.2	−19.7
Electrical Conductor	48.0	31.1	50.5	− 5.0
Extruded Products	135.4	121.7	143.4	− 5.6
Powder & Paste	7.1	4.7	17.6	−59.7
Forgings & Impacts	7.0	3.4	13.3	−47.4
Domestic Mill Products	732.0	674.6	738.2	− 0.8
Ingot (Total)	215.2	144.5	129.9	+65.7
TOTAL DOMESTIC	947.2	819.1	868.1	+ 9.1
Exports	177.8	15.6	53.5	+232.3
TOTAL ALL PRODUCTS	1,125.0	834.7	921.6	+22.1

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r-revised.

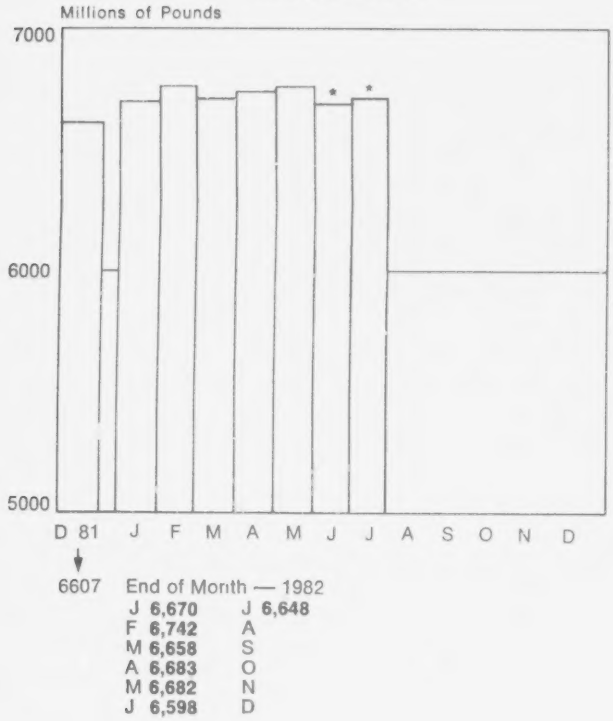
Effective September, 1982, the Net New Order Receipts data series are changed to reflect improved estimates for some product categories. Please refer to the enclosed insert for a more detailed explanation and revised data commencing January, 1981. This page lists the new product categories and new data series for July and August of 1982 and August, 1981. Comparable weekly data are available upon written request.

Producers Stocks Increased 50 Million Pounds

Producer inventories increased an estimated 50 million pounds in July, 1982 from an estimated 6,598 million pounds in June to an estimated 6,648 million pounds.

Integrated producer stocks went up 38 million pounds. Secondary smelters' stocks were unchanged and nonintegrateds' stocks went up an estimated 12 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	July '82*	June '82*	July '82 vs. Year End '81
Integrateds	5,670	5,632r	+128
Smelters	216	216	− 51
Nonintegrated	762	750	− 36
TOTAL	6,648	6,598r	+ 41

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap. r-revised estimate.

Imports and Exports
(Millions of Pounds)

		1982 July	1982 June	1981 July	% Change Latest Month 1982 vs. 1981
Imports	Mill Products	35.1	33.6	26.7	+31.5
	Ingot	84.1	132.8	127.7	−34.1
	TOTAL	119.2	166.4	154.4	−22.8
	Scrap (+ dross)	10.7	16.1	10.1	+ 5.9
Exports	Mill Products	31.4	46.5	38.8	−19.1
	Ingot	48.4	96.9	58.6	−17.4
	TOTAL	79.8	143.4	97.4	−18.1
	Scrap	32.0	40.8	32.4	− 1.2
Net Imports		+18.1	(1.7)	+34.7	−47.8

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.

the Aluminum Association
Incorporated

818 Connecticut Avenue, N.W.
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September 16, 1982

NOTICE

REVISED NET NEW ORDER RECEIPTS DATA

Effective September, 1982, the Aluminum Association's Net New Order Receipts data series are being changed to reflect improved statistical procedures for calculating total industry estimates. Some product categories have been changed and two new categories are being reported for the first time.

For the past year and a half, the Association has been analyzing its Net New Order Receipts program, assisted by outside experts. Since total orders are a sum of individual product categories, the analysis concentrated on procedures to improve the estimates for each product category. Some product categories were revised as a result, as follows:

1. Net Primary Ingot (domestic) is superseded by Total Net Ingot, including both primary and secondary.
2. Other Sheet and Plate now includes an estimate for orders for welded tube.
3. Bar, Rod and Wire now includes an estimate for net conductor redraw rod.
4. New categories are shown for Forgings and Impacts, and Powder and Paste.
5. The All Other category has been dropped.

The revised estimates cover the period January, 1981 to date. They are reproduced for each of the last 20 months on the following pages. The net effect is a 406 million pound reduction (or 3.3%) from the previous estimates for the year of 1981. There is a 290 million pound increase (or 3.7%) in estimated orders for the first eight months of 1982. The revised estimates contain all known up-to- date revisions to shipment data and order receipts.

The September, 1982 issue of the ALUMINUM SITUATION will contain estimates for the new product categories and new data series for comparable 1982 and 1981 months.

George Van Buren Day
Vice President, Economic Affairs

America Needs Aluminum

Revised September 16, 1982

the Aluminum Association

Incorporated

818 Connecticut Avenue, N.W., Washington, D.C. 20006
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MONTHLY ESTIMATED INDUSTRY ORDERS - 1981
NET SHIPMENT BASIS (*)
(Based on reports by members of the Aluminum Association)

(Millions of Pounds)

1981	TOTAL NET	EXPORTS	DOMESTIC (NET) TOTAL	TOTAL INGOT (a)	SHEET PLATE (b)	CAN STOCK	FOIL	EXTRUDED PRODUCTS (c)	BR&W (d)	ACSR	INSUL	POWDER &PASTE	FORGINGS &IMPACTS
JAN	1,162.2	122.2	1,040.0	159.2	283.2	248.7	75.9	158.8	27.2	37.6	34.1	7.4	7.9
FEB	1,098.0	132.4	965.6	131.9	315.4	215.2	72.6	151.6	19.9	21.0	22.7	8.4	6.9
MAR	1,082.1	108.0	974.1	146.6	297.9	199.5	73.6	171.7	19.7	22.8	27.2	6.8	8.3
1st Q	3,342.3	362.6	2,979.7	437.7	896.5	663.4	222.1	482.1	66.8	81.4	84.0	22.6	23.1
APR	1,132.2	141.6	990.6	151.9	278.4	207.9	72.7	190.4	15.9	25.0	28.6	8.0	11.8
MAY	1,051.1	68.9	982.2	150.1	274.9	256.9	71.4	153.6	14.3	19.4	27.3	5.2	9.1
JUN	1,003.0	82.8	920.2	154.7	259.9	196.0	84.7	145.6	14.8	22.4	29.1	6.6	6.4
2nd Q	3,186.3	293.3	2,893.0	456.7	813.2	660.8	228.8	489.6	45.0	66.8	85.0	19.8	27.3
JUL	1,005.1	67.9	937.2	151.6	237.2	239.1	64.4	165.3	12.8	17.6	28.2	10.7	10.3
AUG	921.6	53.5	868.1	129.9	194.0	242.5	63.7	143.4	13.2	17.4	33.1	17.6	13.3
SEP	939.9	103.7	836.2	128.3	187.5	236.8	66.4	138.4	18.0	17.5	25.6	11.3	6.4
3rd Q	2,866.6	225.1	2,641.5	409.8	618.7	718.4	194.5	447.1	44.0	52.5	86.9	39.6	30.0
OCT	825.5	46.1	779.4	125.3	202.7	166.1	72.5	137.6	10.1	31.2	21.8	7.1	5.0
NOV	734.0	66.0	668.0	90.4	175.4	157.8	70.4	118.8	10.5	11.4	19.5	7.9	5.9
DEC	881.7	65.5	816.2	129.1	174.9	240.6	67.5	129.5	15.1	27.4	19.2	4.7	8.2
4th Q	2,441.2	177.6	2,263.6	344.8	553.0	564.5	210.4	385.9	35.7	70.0	60.5	19.7	19.1
YEAR	11,836.4	1,058.6	10,777.8	1,649.0	2,881.4	2,607.1	855.8	1,804.7	191.5	270.7	316.4	101.7	99.5

( ) Net Cancellations over order receipts
(*) Comparable to net shipments as reported by Census in CIR Series M33-2, plus net imports of mill products. Domestic data excludes exports.

(a) Primary and Secondary
(b) Excludes Can Stock, includes Welded Tube
(c) Includes Drawn Tube
(d) Rolled and Continuous Cast Bar, Rod & Wire

NOTE: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received for the previous week. The Association expands these data to total industry utilizing an expansion ratio, based on shipment data published by the Bureau of Census, that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it cannot of course, vouch for the accuracy or completeness of the data.

Revised September 16, 1982

the Aluminum Association

Incorporated

818 Connecticut Avenue, N.W., Washington, D.C. 20006
(202) 862-5100

MONTHLY ESTIMATED INDUSTRY ORDERS - 1982
NET SHIPMENT BASIS (*)
(Based on reports by members of the Aluminum Association)

(Millions of pounds)

1982	TOTAL NET	EXPORTS	DOMESTIC (NET) TOTAL	TOTAL INGOT (a)	SHEET PLATE (b)	CAN STOCK	EXTRUDED FOIL	EXTRUDED PRODUCTS (c)	BR&W (d)	ACSR	INSUL	POWDER &PASTE	FORGINGS &IMPACTS
JAN	939.0	95.8	843.2	136.1	187.7	248.8	65.1	114.1	21.4	36.0	21.0	9.5	3.5
FEB	936.5	120.1	816.4	120.7	204.6	227.1	54.1	132.6	16.5	22.5	23.8	6.1	8.4
MAR	1,111.4	127.8	983.6	146.3	213.0	311.4	67.0	152.1	24.7	26.4	22.5	9.7	10.5
1st Q	2,986.9	343.7	2,643.2	403.1	605.3	787.3	186.2	398.8	62.6	84.9	67.3	25.3	22.4
APR	991.2	48.5	942.7	221.7	231.0	227.9	55.6	137.5	13.8	23.1	17.5	6.5	8.1
MAY	1,049.9	116.6	933.3	233.4	231.8	208.7	64.8	135.9	14.4	17.8	17.0	4.7	4.8
JUN	1,123.1	65.1	1,058.0	178.7	260.2	299.9	75.7	162.1	18.4	22.5	20.3	12.6	7.6
2nd Q	3,164.2	230.2	2,934.0	633.8	723.0	736.5	196.1	435.5	46.6	63.4	54.8	23.8	20.5
JUL	834.7	15.6	819.1	144.5	218.7	225.3	59.5	121.7	10.2	13.1	18.0	4.7	3.4
AUG	1,122.9	170.9	952.0	215.2	228.3	232.8	64.2	138.8	10.6	29.5	18.5	7.1	7.0

( ) Net Cancellations over order receipts
(*) Comparable to net shipments as reported by Census in CIR Series M33-2, plus net imports of mill products. Domestic data excludes exports.

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The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

A0400-1 10/28/82

October, 1982

Net Shipments Down 13.0 Per Cent

Net shipments of aluminum ingot and mill products in 8 months of 1982, at an estimated 8,212 million pounds were 13.0% less than shipments of 9,440 million pounds for 8 months of 1981.

Domestic shipments totalled 7,383 million pounds for 8 months of 1982, representing a decline of 12.3% from the 8,421 million pounds shipped in 8 months of 1981.

Exports of 829 million pounds were down 18.6% vs. 1,019 million pounds for 8 months of 1981.

Thru August, 1982

	8 Mos. 1982	8 Mos. 1981	% Change
Mill Products	6,445	7,403	−12.9
Ingot	1,767	2,037	−13.3
Total	8,212	9,440	−13.0
Less Exports	(829)	(1,019)	−18.6
Domestic Total	7,383	8,421	−12.3

Million of Pounds

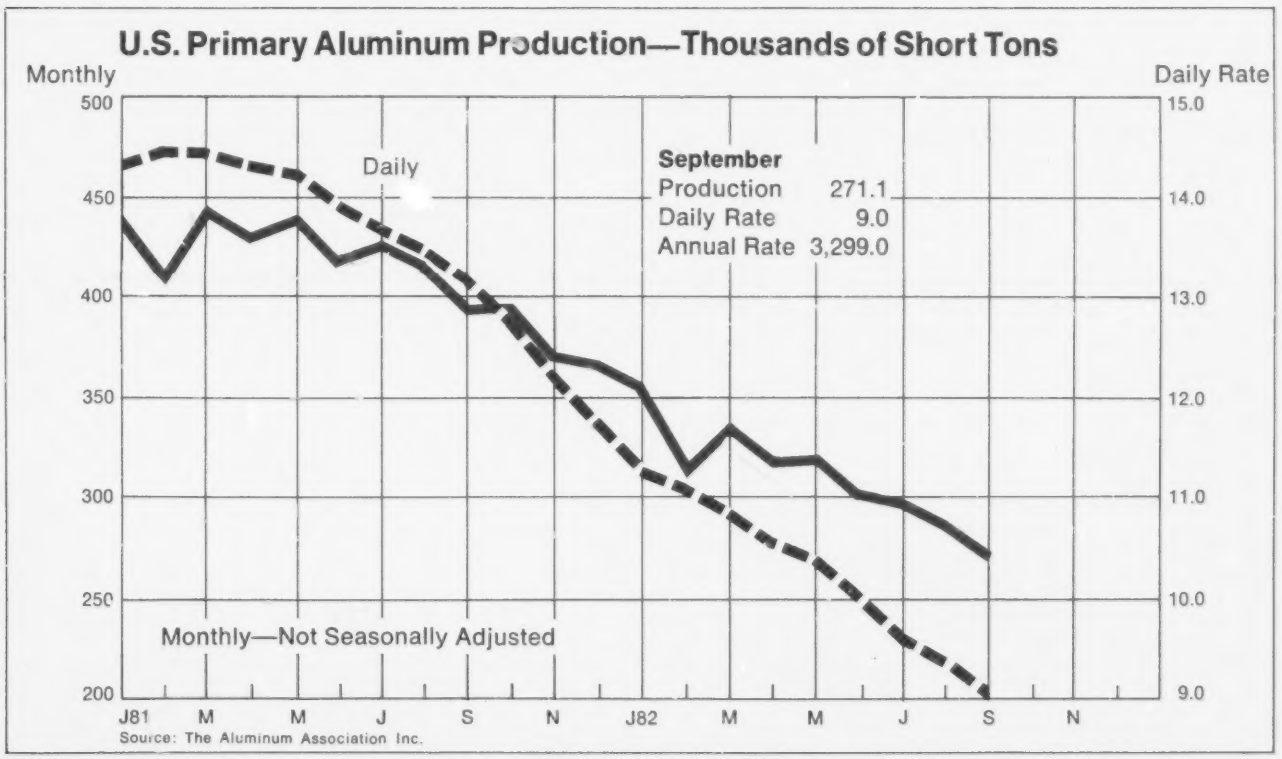
Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

Primary Production Rate Down 31.0 Per Cent

U.S. primary aluminum production averaged 9,038 short tons daily during September, 1982 compared with an average 13,100 tons a day in September, 1981.

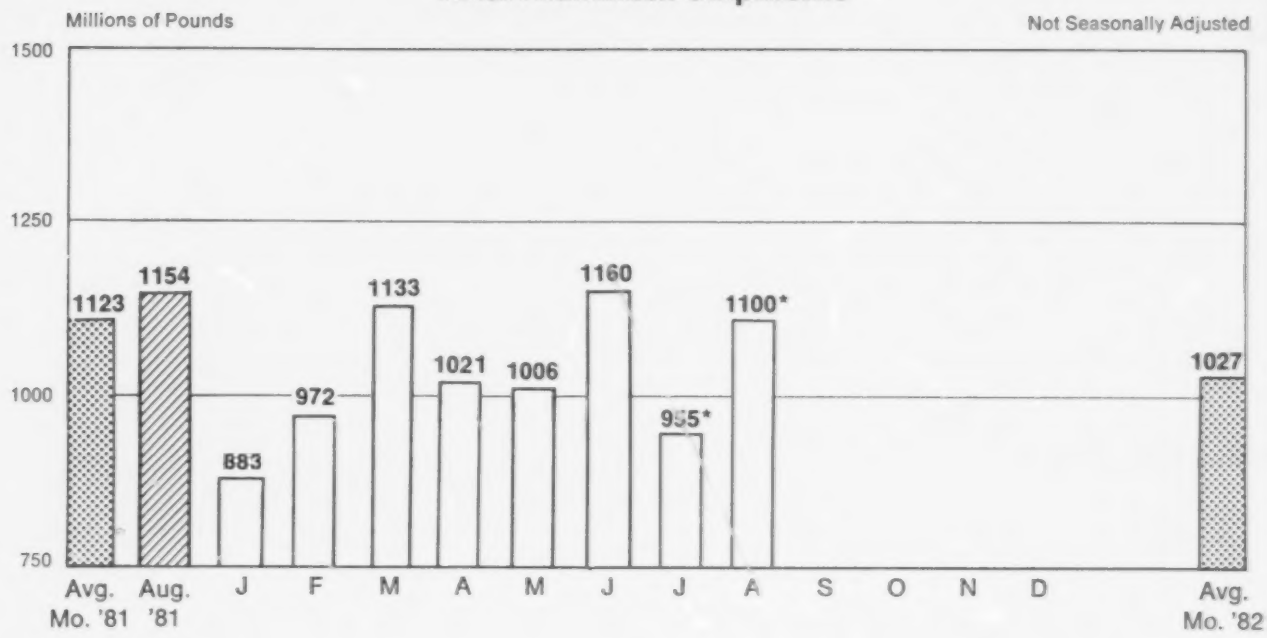
The annual rate of production in September, 1982 was 3,298,955 tons, compared to 4,781,640 tons in September, 1981. The August 1982 production rate was 3,380,100 tons.

Actual production in September, 1982 was 271,147 tons, compared with 287,077 tons in August, 1982.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

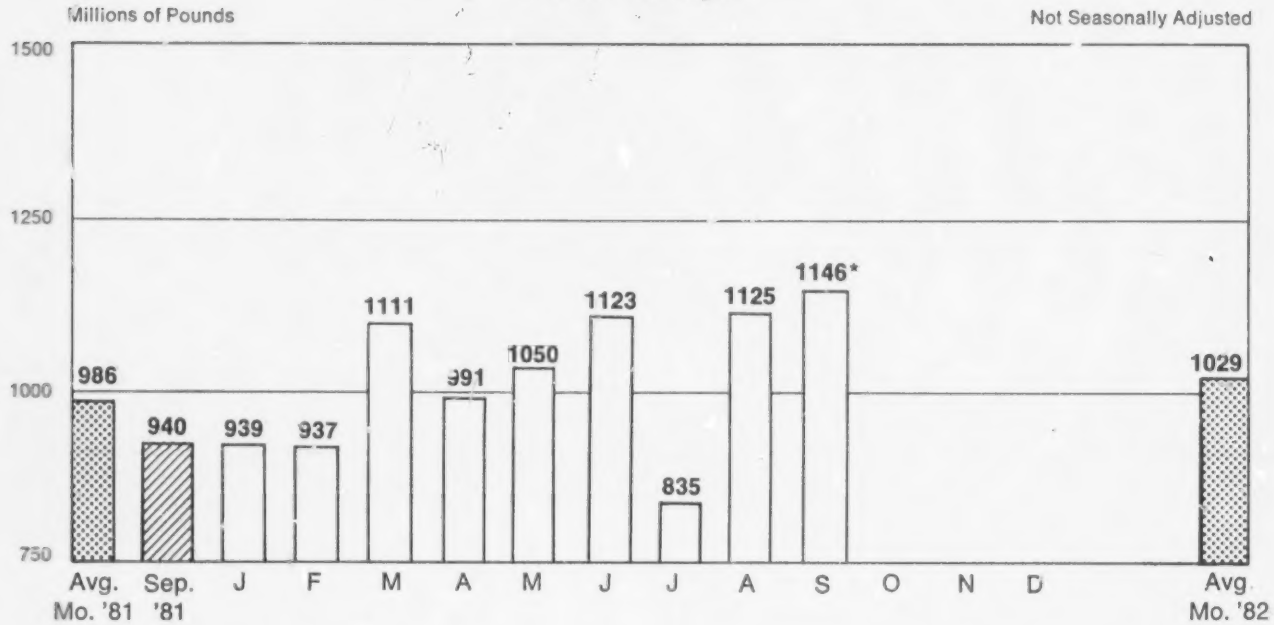
	1982 August*	1982 July*	1981 August	% Change Latest Month 1982 vs. 1981
Sheet & Plate	458.0	445.0	517.0	−11.4
Foil	59.0	55.0r	69.1	−14.6
Rod, Bar & Wire	19.0	16.0	25.4	−25.2
Electrical Conductor	48.0	48.0	55.8	−14.0
Extruded Products	162.0	157.0	176.0	− 8.0
Welded Tube	4.0	4.0	6.9	−42.0
Powder & Pigments	7.0	8.0	9.5	−26.3
Forgings & Impacts	8.0	7.0	10.0	−20.0
Net Imports of Mill Products (Total) (a)	30.0	30.0	20.7	+44.9
Total Mill Products	795.0	770.0r	890.4	−10.7
Ingot	305.0(b)	185.0(b)	263.1	+15.9
TOTAL INDUSTRY SHIPMENTS	1,100.0	955.0r	1,153.5	− 4.6
Exports	(119.6)	(79.8)	(69.5)	+72.1
TOTAL DOMESTIC SHIPMENTS	980.4	875.2r	1,084.0	− 9.6

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised.

August Net Shipments Down 4.6 Per Cent

Total August net shipments of 1,100 million pounds were down an estimated 4.6% from August, 1981 shipments of 1,154 million pounds. Exports increased 72.1% and domestic shipments were down 9.6% versus a year ago.

Order Receipts



Order Receipts
(Millions of Pounds)

	1982 September*	1982 August	1981 September	% Change Latest Month 1982 vs. 1981
Can Stock	186.7	232.3	236.8	−21.2
Sheet & Plate, Other	210.9	227.5	187.5	+12.5
Foil	57.2	64.1	66.4	−13.9
Rod, Bar & Wire	12.9	10.6	18.0	−28.3
Electrical Conductor	32.1	48.0	43.1	−25.5
Extruded Products	128.6	135.4	138.4	− 7.1
Powder & Paste	8.6	7.1	11.3	−23.9
Forgings & Impacts	7.7	7.0	6.4	+20.3
Domestic Mill Products	644.7	732.0	707.9	− 8.9
Ingot (Total)	285.9	215.2	128.3	+122.8
TOTAL DOMESTIC	930.6	947.2	836.2	+11.3
Exports	215.1	177.8	103.7	+107.4
TOTAL ALL PRODUCTS	1,145.7	1,125.0	939.9	+21.9

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r Revised.

Order Receipts Up 21.9 Per Cent vs. Year Ago

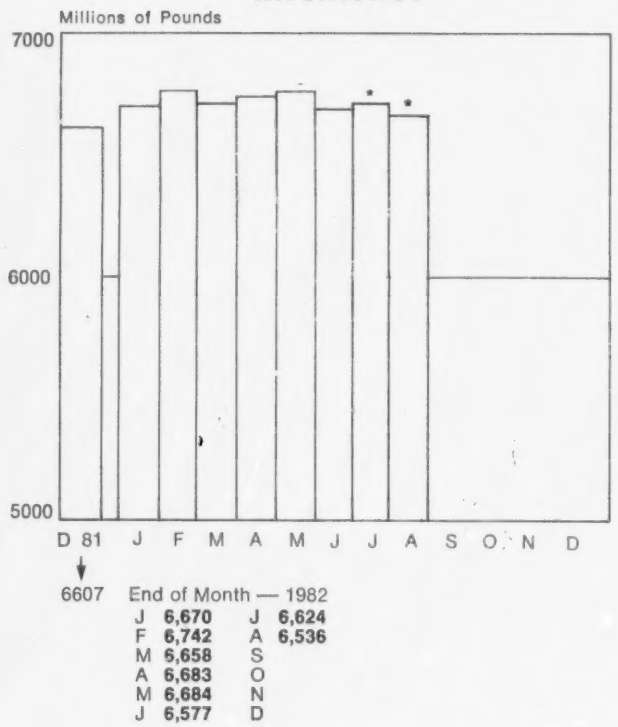
Estimated net new order receipts for September, 1982 of 1,146 million pounds were up 21.9% over the 940 million pounds for September, 1981. Domestic orders were up 11.3% mainly due to ingot orders.

Producers Stocks Drop 88 Million Pounds

Producer inventories decreased an estimated 88 million pounds in August, 1982 from an estimated 6,624 million pounds in July to an estimated 6,536 million pounds.

Integrated producer stocks went down 86 million pounds. Secondary smelters' and nonintegrateds' stocks together declined an estimated 2 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Aug. '82*	July '82*	Aug. '82 vs. Year End '81
Integrateds	5,584	5,670	+42
Smelters	212	212r	−55
Nonintegrated	740	742r	−58
TOTAL	6,536	6,624r	−71

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap. r-revised.

Imports and Exports
(Millions of Pounds)

		1982 August	1982 July	1981 August	% Change Latest Month 1982 vs. 1981
Imports	Mill Products	38.6	35.1	23.7	+62.9
	Ingot	156.3	84.1	133.9	+16.7
	TOTAL	194.4	119.2	157.6	+23.4
	Scrap (+ dross)	11.9	10.7	13.0	− 8.5
Exports	Mill Products	34.4	31.4	33.7	+ 2.1
	Ingot	85.2	48.4	35.8	+138.0
	TOTAL	119.6	79.8	69.5	+72.1
	Scrap	33.2	32.0	29.3	+13.3
Net Imports		+53.5	+18.1	+71.8	−25.6

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.